

Dr. Elizabeth Blackwell: Acquire and Use Information / Make Straightforward Inferences
 E11B01M: Which website helps you learn about EB - 1 Point - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	81.3	6.3	81.3	10.1	1.9	0.5	82.9	79.6
Chinese Taipei	1719	83.3	7.2	83.3	7.2	2.0	0.3	86.3	80.6
Denmark	994	92.6	4.2	92.6	2.0	1.2	0.0	94.0	91.1
Georgia	2197	78.4	11.0	78.4	5.3	3.5	1.9	82.5	74.3
Ireland	994	83.5	4.5	83.5	10.5	1.4	0.2	85.2	81.8
Israel	1505	75.7	11.5	75.7	7.0	4.8	0.9	78.6	72.9
Italy	1501	86.6	5.1	86.6	5.2	2.4	0.7	88.9	84.4
Norway (5)	1452	87.9	4.9	87.9	5.1	1.7	0.4	91.6	84.3
Portugal	1804	86.7	6.3	86.7	4.1	2.7	0.1	87.9	85.5
Singapore	2521	73.2	8.4	73.2	16.3	1.7	0.4	76.0	70.6
Slovenia	1726	79.1	8.2	79.1	7.5	4.8	0.3	80.6	77.6
Sweden	1533	93.0	2.5	93.0	3.4	0.8	0.4	94.8	91.2
United Arab Emirates	6172	64.7	16.5	64.7	11.5	5.4	1.9	68.9	60.7
United States	1632	78.3	6.7	78.3	11.2	3.1	0.7	81.2	75.3
International Avg. (14)	29272	81.7	7.4	81.7	7.6	2.7	0.6	84.2	79.3
Abu Dhabi, UAE	1576	61.6	19.1	61.6	10.7	5.8	2.8	64.2	59.2
Dubai, UAE	2960	72.6	11.0	72.6	11.7	3.7	1.0	75.4	70.0

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Dr. Elizabeth Blackwell: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11B02M: When did Elizabeth move to New York - 1 Point - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	86.5	6.7	86.5	4.7	1.2	1.0	86.6	86.4
Chinese Taipei	1719	90.3	6.1	90.3	2.7	0.6	0.2	91.8	88.9
Denmark	994	91.7	3.1	91.7	3.1	1.6	0.5	92.5	90.9
Georgia	2197	73.7	13.0	73.7	7.2	1.7	4.4	76.3	71.1
Ireland	994	93.0	5.1	93.0	1.2	0.2	0.5	94.8	91.2
Israel	1505	87.3	6.6	87.3	3.4	1.3	1.4	90.4	84.2
Italy	1501	81.5	8.6	81.5	6.8	1.9	1.2	82.4	80.6
Norway (5)	1452	91.6	4.7	91.6	2.4	0.5	0.8	92.7	90.6
Portugal	1804	85.8	5.9	85.8	5.9	1.8	0.6	88.0	83.5
Singapore	2521	95.1	2.1	95.1	1.9	0.6	0.3	96.8	93.4
Slovenia	1726	79.9	12.1	79.9	5.7	1.1	1.3	82.0	77.9
Sweden	1533	89.3	7.0	89.3	2.0	0.6	1.1	90.5	88.1
United Arab Emirates	6172	77.7	13.5	77.7	4.8	2.3	1.7	81.5	74.0
United States	1632	92.6	3.1	92.6	2.5	1.1	0.6	93.7	91.6
International Avg. (14)	29272	86.9	7.0	86.9	3.9	1.2	1.1	88.6	85.2
Abu Dhabi, UAE	1576	69.7	18.6	69.7	6.0	3.2	2.5	74.7	65.2
Dubai, UAE	2960	88.4	6.8	88.4	2.6	1.3	0.9	89.9	87.0

DIFF = Percent correct
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Dr. Elizabeth Blackwell: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11B03C: Year Geneva Medical College founded - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	66.1	31.2	2.7	0.0	31.2	29.4	33.0
Chinese Taipei	1719	62.5	37.3	0.2	0.0	37.3	37.4	37.1
Denmark	994	53.5	42.5	4.0	0.0	42.5	42.4	42.6
Georgia	2197	65.7	25.7	8.6	0.0	25.7	24.2	27.2
Ireland	994	62.2	36.9	0.9	0.0	36.9	36.0	37.8
Israel	1505	63.8	33.6	2.6	0.0	33.6	34.5	32.7
Italy	1501	68.3	28.5	3.2	0.0	28.5	24.3	32.6
Norway (5)	1452	60.5	37.5	2.0	0.0	37.5	38.4	36.7
Portugal	1804	75.4	23.5	1.1	0.0	23.5	19.7	27.4
Singapore	2521	55.1	44.3	0.6	0.0	44.3	44.2	44.3
Slovenia	1726	75.0	21.6	3.4	0.0	21.6	19.3	23.8
Sweden	1532	57.3	38.4	4.3	0.0	38.4	38.8	38.1
United Arab Emirates	6172	78.9	16.7	4.3	0.0	16.7	17.9	15.6
United States	1632	72.3	26.5	1.2	0.0	26.5	26.7	26.3
International Avg. (14)	29271	65.5	31.7	2.8	0.0	31.7	30.9	32.5
Abu Dhabi, UAE	1576	81.8	12.3	5.9	0.1	12.3	14.2	10.6
Dubai, UAE	2960	74.2	23.6	2.2	0.0	23.6	23.5	23.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Dr. Elizabeth Blackwell: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11B04C: What Elizabeth did in 1874 - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	32.0	64.8	3.1	0.0	64.8	65.5	64.2
Chinese Taipei	1719	23.0	75.7	1.4	0.0	75.7	75.8	75.6
Denmark	994	28.7	70.0	1.3	0.0	70.0	73.6	66.3
Georgia	2197	33.7	58.9	7.4	0.0	58.9	61.5	56.3
Ireland	994	25.9	72.1	2.0	0.0	72.1	73.5	70.8
Israel	1505	27.1	70.9	2.0	0.0	70.9	70.8	71.0
Italy	1501	24.4	72.6	3.0	0.0	72.6	73.0	72.3
Norway (5)	1452	31.7	66.1	2.2	0.0	66.1	64.7	67.6
Portugal	1804	20.0	78.9	1.1	0.0	78.9	81.5	76.2
Singapore	2521	24.4	74.9	0.6	0.0	74.9	77.2	72.8
Slovenia	1726	30.7	65.5	3.8	0.0	65.5	64.2	66.7
Sweden	1532	23.0	75.2	1.8	0.0	75.2	77.0	73.5
United Arab Emirates	6172	35.9	60.3	3.7	0.1	60.3	63.0	57.8
United States	1632	35.4	63.4	1.2	0.0	63.4	64.0	62.7
International Avg. (14)	29271	28.3	69.2	2.5	0.0	69.2	70.4	68.1
Abu Dhabi, UAE	1576	41.2	53.2	5.5	0.1	53.2	59.5	47.5
Dubai, UAE	2960	28.8	69.0	2.3	0.0	69.0	68.1	69.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
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Dr. Elizabeth Blackwell: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 E11B05M: Advantage of timeline - 1 Point - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	47.0	29.8	14.6	6.2	47.0	2.4	0.0	48.4	45.5
Chinese Taipei	1719	47.0	37.8	11.2	3.5	47.0	0.5	0.0	48.7	45.5
Denmark	994	52.5	35.6	3.9	6.1	52.5	1.8	0.0	56.2	48.6
Georgia	2197	17.2	53.9	16.3	8.9	17.2	3.6	0.1	16.7	17.8
Ireland	994	52.4	30.6	13.2	2.7	52.4	1.1	0.0	56.6	48.1
Israel	1505	53.9	26.4	12.7	5.5	53.9	1.4	0.0	57.0	50.9
Italy	1501	58.1	21.7	14.8	3.0	58.1	2.5	0.0	58.7	57.4
Norway (5)	1452	43.2	42.4	8.6	5.0	43.2	0.7	0.0	48.3	38.1
Portugal	1804	42.9	27.8	21.7	7.0	42.9	0.6	0.0	42.1	43.7
Singapore	2521	48.6	33.1	13.4	4.4	48.6	0.5	0.0	53.2	44.5
Slovenia	1726	61.6	22.2	9.6	5.4	61.6	1.2	0.0	62.6	60.7
Sweden	1533	63.1	25.6	7.2	2.6	63.1	1.4	0.1	64.9	61.4
United Arab Emirates	6172	29.4	37.9	21.4	9.1	29.4	2.1	0.1	31.8	27.1
United States	1632	46.1	28.7	20.9	3.6	46.1	0.6	0.0	47.2	45.0
International Avg. (14)	29272	47.4	32.4	13.5	5.2	47.4	1.5	0.0	49.5	45.3
Abu Dhabi, UAE	1576	22.8	40.1	24.8	9.9	22.8	2.3	0.1	25.0	20.8
Dubai, UAE	2960	37.5	37.6	17.9	5.9	37.5	1.1	0.0	39.1	36.0

DIFF = Percent correct
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Dr. Elizabeth Blackwell: Acquire and Use Information / Make Straightforward Inferences
 E11B06C: Who treated Elizabeth as a joke - 2 Points

COUNTRY	N	0 %	1 %	2 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	21.9	29.5	36.9	11.6	0.0	66.4	36.9	39.2	34.5
Chinese Taipei	1719	17.2	27.1	42.6	13.0	0.0	69.7	42.6	44.9	40.5
Denmark	994	27.9	27.7	31.8	12.6	0.0	59.5	31.8	34.5	29.0
Georgia	2197	30.7	26.5	19.6	23.2	0.1	46.1	19.6	23.4	15.8
Ireland	994	13.0	38.6	41.3	7.1	0.0	79.8	41.3	43.8	38.7
Israel	1505	24.9	31.0	30.5	13.6	0.0	61.4	30.5	34.0	27.0
Italy	1501	29.7	22.6	27.4	20.3	0.0	50.0	27.4	27.6	27.1
Norway (5)	1452	16.5	39.6	31.6	12.3	0.0	71.2	31.6	36.7	26.5
Portugal	1804	26.5	22.4	38.4	12.7	0.0	60.8	38.4	40.6	36.2
Singapore	2521	12.0	24.6	61.4	1.9	0.0	86.0	61.4	68.6	54.6
Slovenia	1726	36.3	32.8	11.9	19.0	0.0	44.7	11.9	14.3	9.5
Sweden	1532	23.5	31.5	33.0	11.9	0.1	64.5	33.0	33.5	32.5
United Arab Emirates	6172	38.8	25.1	23.3	12.8	0.1	48.3	23.3	25.7	20.9
United States	1632	24.5	33.2	38.3	3.9	0.0	71.5	38.3	39.0	37.6
International Avg. (14)	29271	24.5	29.4	33.4	12.6	0.0	62.9	33.4	36.1	30.8
Abu Dhabi, UAE	1576	46.8	23.7	15.6	13.7	0.1	39.3	15.6	17.2	14.1
Dubai, UAE	2960	24.8	27.9	38.6	8.6	0.0	66.5	38.6	39.7	37.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
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Dr. Elizabeth Blackwell: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 E11B07M: Why exclamation point - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	57.7	16.2	21.0	57.7	3.2	1.7	0.1	59.6	55.8
Chinese Taipei	1719	61.0	12.5	22.5	61.0	2.5	1.5	0.0	64.1	58.1
Denmark	994	71.6	6.9	14.3	71.6	4.4	2.8	0.0	75.1	67.9
Georgia	2197	46.1	21.3	23.2	46.1	6.9	2.3	0.2	48.6	43.5
Ireland	994	62.6	8.4	23.3	62.6	4.4	1.3	0.0	65.1	59.9
Israel	1505	53.1	14.6	23.3	53.1	7.1	1.8	0.0	55.4	50.9
Italy	1501	53.3	13.0	27.7	53.3	3.2	2.9	0.0	54.3	52.2
Norway (5)	1452	67.3	9.3	18.5	67.3	3.7	1.2	0.1	69.9	64.6
Portugal	1804	47.1	14.7	32.5	47.1	5.1	0.6	0.1	46.8	47.4
Singapore	2521	60.9	10.8	24.3	60.9	3.5	0.5	0.0	63.6	58.4
Slovenia	1726	44.5	17.0	29.0	44.5	7.8	1.5	0.1	48.5	40.6
Sweden	1533	74.1	9.4	9.6	74.1	5.1	1.6	0.2	76.5	71.7
United Arab Emirates	6172	40.0	17.3	32.5	40.0	7.4	2.5	0.2	40.0	40.0
United States	1632	56.7	17.1	20.6	56.7	4.5	1.0	0.0	60.7	52.8
International Avg. (14)	29272	56.9	13.5	23.0	56.9	4.9	1.7	0.1	59.2	54.6
Abu Dhabi, UAE	1576	34.6	20.8	34.1	34.6	7.8	2.4	0.3	32.6	36.4
Dubai, UAE	2960	51.4	14.2	27.0	51.4	6.1	1.1	0.2	52.8	50.1

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Dr. Elizabeth Blackwell: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11B08C: Elizabeth's reaction to not being allowed in class - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	22.4	74.5	3.0	0.1	74.5	77.2	71.8
Chinese Taipei	1719	23.1	72.0	4.9	0.0	72.0	75.6	68.6
Denmark	994	19.5	76.7	3.7	0.0	76.7	81.8	71.4
Georgia	2197	29.6	61.8	8.3	0.3	61.8	70.1	53.5
Ireland	994	17.2	80.5	2.3	0.0	80.5	83.0	77.9
Israel	1505	23.3	73.6	3.2	0.0	73.6	78.2	69.1
Italy	1501	19.4	77.4	3.1	0.0	77.4	80.7	74.2
Norway (5)	1452	17.7	80.9	1.2	0.1	80.9	86.6	75.3
Portugal	1804	31.1	67.8	1.1	0.1	67.8	70.4	65.0
Singapore	2521	16.3	83.0	0.7	0.0	83.0	87.5	78.8
Slovenia	1726	29.8	67.0	3.1	0.1	67.0	71.4	62.7
Sweden	1532	15.7	81.7	2.3	0.3	81.7	84.7	78.8
United Arab Emirates	6172	41.1	53.8	4.8	0.3	53.8	59.8	48.0
United States	1632	23.2	76.0	0.8	0.0	76.0	79.7	72.4
International Avg. (14)	29271	23.5	73.3	3.0	0.1	73.3	77.6	69.1
Abu Dhabi, UAE	1576	51.2	42.4	5.9	0.6	42.4	51.0	34.5
Dubai, UAE	2960	27.9	68.7	3.2	0.2	68.7	71.9	65.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
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Dr. Elizabeth Blackwell: Acquire and Use Information / Make Straightforward Inferences
 E11B09C: Why Elizabeth gave up dream - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	29.0	68.9	1.8	0.3	68.9	73.0	64.7
Chinese Taipei	1719	24.3	73.4	2.3	0.0	73.4	78.3	68.9
Denmark	994	19.1	79.1	1.7	0.2	79.1	83.2	74.8
Georgia	2197	33.6	60.2	5.7	0.5	60.2	68.7	51.9
Ireland	994	23.2	76.2	0.6	0.0	76.2	81.7	70.7
Israel	1505	31.2	65.3	3.3	0.3	65.3	69.3	61.4
Italy	1501	51.5	47.1	1.3	0.0	47.1	49.5	44.8
Norway (5)	1452	19.2	80.1	0.6	0.1	80.1	88.2	72.1
Portugal	1804	39.0	59.3	1.6	0.1	59.3	61.1	57.4
Singapore	2521	15.2	84.0	0.8	0.0	84.0	89.1	79.3
Slovenia	1726	35.4	61.4	3.1	0.1	61.4	66.0	57.0
Sweden	1532	21.9	76.6	1.1	0.3	76.6	78.2	75.0
United Arab Emirates	6172	48.6	46.1	4.8	0.5	46.1	52.1	40.4
United States	1632	32.0	66.8	1.1	0.0	66.8	74.6	59.2
International Avg. (14)	29271	30.2	67.5	2.1	0.2	67.5	72.3	62.7
Abu Dhabi, UAE	1576	57.7	34.5	7.1	0.7	34.5	40.0	29.6
Dubai, UAE	2960	33.2	63.8	2.7	0.3	63.8	68.1	59.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Dr. Elizabeth Blackwell: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11B10C: Examples of Elizabeth not giving up - 2 Points

COUNTRY	N	0 %	1 %	2 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	39.1	33.3	18.6	8.6	0.3	51.9	18.6	19.5	17.7
Chinese Taipei	1719	49.6	25.4	8.8	16.1	0.0	34.2	8.8	8.5	9.1
Denmark	994	41.5	30.4	18.6	9.1	0.4	49.0	18.6	22.5	14.5
Georgia	2197	28.8	30.0	17.5	22.5	1.2	47.5	17.5	20.7	14.3
Ireland	994	46.3	28.5	21.3	3.9	0.0	49.8	21.3	25.8	16.8
Israel	1505	30.0	29.5	29.6	10.1	0.8	59.1	29.6	33.5	25.8
Italy	1501	41.7	30.5	15.3	12.3	0.2	45.8	15.3	15.8	14.8
Norway (5)	1452	53.6	25.8	15.3	5.2	0.1	41.1	15.3	18.6	12.1
Portugal	1804	42.5	33.7	12.3	11.4	0.2	46.0	12.3	12.4	12.3
Singapore	2521	13.4	41.6	42.7	2.3	0.0	84.3	42.7	50.7	35.3
Slovenia	1726	54.7	25.2	6.5	13.3	0.2	31.7	6.5	8.1	5.0
Sweden	1532	66.9	16.5	6.8	9.5	0.4	23.3	6.8	8.5	5.0
United Arab Emirates	6172	42.8	28.2	17.4	10.7	0.9	45.6	17.4	20.0	14.9
United States	1632	39.0	35.2	23.1	2.5	0.1	58.4	23.1	23.5	22.8
International Avg. (14)	29271	42.1	29.6	18.1	9.8	0.3	47.7	18.1	20.6	15.7
Abu Dhabi, UAE	1576	49.6	23.4	12.9	12.8	1.2	36.3	12.9	14.8	11.3
Dubai, UAE	2960	32.4	33.4	26.7	7.1	0.4	60.2	26.7	29.6	24.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
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Dr. Elizabeth Blackwell: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 E11B11M: How Elizabeth's parents ahead of their time - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	38.2	21.2	28.4	38.2	10.7	0.8	0.7	41.0	35.3
Chinese Taipei	1719	48.9	16.3	22.7	48.9	12.2	0.0	0.0	52.9	45.1
Denmark	994	35.9	20.8	28.7	35.9	12.2	1.9	0.5	36.7	35.2
Georgia	2197	29.5	24.2	29.3	29.5	11.5	1.9	3.5	30.6	28.3
Ireland	994	47.9	15.0	27.3	47.9	9.4	0.2	0.3	52.0	43.7
Israel	1505	42.6	18.1	25.3	42.6	11.5	1.3	1.2	42.4	42.8
Italy	1501	34.8	22.7	33.5	34.8	7.8	0.8	0.4	33.6	35.9
Norway (5)	1452	39.7	22.0	30.1	39.7	7.6	0.5	0.2	42.9	36.6
Portugal	1804	25.7	28.3	35.3	25.7	9.6	0.8	0.4	26.5	24.8
Singapore	2521	42.9	18.0	26.5	42.9	12.0	0.6	0.0	48.2	38.1
Slovenia	1726	31.1	16.9	38.1	31.1	12.9	0.7	0.4	34.4	27.8
Sweden	1533	34.1	23.5	24.5	34.1	16.2	1.0	0.7	37.2	31.1
United Arab Emirates	6172	24.6	29.3	31.4	24.6	11.8	1.3	1.6	25.2	24.1
United States	1632	39.9	19.6	27.7	39.9	11.8	0.8	0.2	42.1	37.7
International Avg. (14)	29272	36.8	21.1	29.2	36.8	11.2	0.9	0.7	39.0	34.7
Abu Dhabi, UAE	1576	20.9	30.4	32.4	20.9	13.1	1.6	1.7	21.5	20.3
Dubai, UAE	2960	33.1	24.3	30.1	33.1	11.2	0.6	0.7	34.9	31.4

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Dr. Elizabeth Blackwell: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11B12C: How unusual family helped Elizabeth - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	55.2	32.9	11.0	0.9	32.9	36.8	28.9
Chinese Taipei	1719	56.1	25.8	18.1	0.0	25.8	28.3	23.5
Denmark	994	49.2	38.0	11.9	0.8	38.0	43.3	32.5
Georgia	2197	38.0	39.4	18.5	4.2	39.4	47.1	31.7
Ireland	994	46.5	47.9	5.3	0.3	47.9	56.1	39.6
Israel	1505	56.7	29.5	12.1	1.7	29.5	31.6	27.5
Italy	1501	52.6	31.2	15.4	0.7	31.2	32.9	29.5
Norway (5)	1452	45.9	46.8	7.0	0.3	46.8	55.9	37.8
Portugal	1804	59.0	29.1	11.2	0.7	29.1	31.9	26.1
Singapore	2521	33.9	62.5	3.5	0.1	62.5	70.9	54.8
Slovenia	1726	53.5	34.8	11.3	0.4	34.8	38.7	31.0
Sweden	1532	51.5	37.9	9.6	1.0	37.9	45.6	30.4
United Arab Emirates	6172	60.6	26.6	10.8	1.9	26.6	30.2	23.2
United States	1632	55.8	41.0	3.0	0.2	41.0	45.6	36.4
International Avg. (14)	29271	51.0	37.4	10.6	0.9	37.4	42.5	32.4
Abu Dhabi, UAE	1576	67.7	17.9	12.4	2.1	17.9	20.6	15.5
Dubai, UAE	2960	53.5	39.1	6.7	0.8	39.1	42.3	36.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Dr. Elizabeth Blackwell: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11B13C: Whether 1850s New York was a good place to live - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	28.0	69.6	0.6	1.9	69.6	70.0	69.1
Chinese Taipei	1719	58.7	41.0	0.2	0.1	41.0	42.9	39.3
Denmark	994	23.2	74.3	1.2	1.3	74.3	74.7	73.8
Georgia	2197	54.2	35.5	2.7	7.6	35.5	40.8	30.3
Ireland	994	21.6	77.5	0.4	0.5	77.5	80.6	74.4
Israel	1505	38.5	58.3	0.8	2.5	58.3	61.7	54.8
Italy	1501	40.1	57.0	0.8	2.1	57.0	56.7	57.3
Norway (5)	1452	24.3	74.5	0.4	0.7	74.5	81.3	67.8
Portugal	1804	45.5	52.3	0.9	1.3	52.3	54.7	49.9
Singapore	2521	25.6	73.9	0.4	0.1	73.9	76.9	71.2
Slovenia	1726	37.9	59.3	1.5	1.2	59.3	60.7	57.9
Sweden	1532	22.5	75.4	0.8	1.2	75.4	76.6	74.3
United Arab Emirates	6172	58.7	36.4	1.4	3.5	36.4	39.3	33.7
United States	1632	27.7	70.8	0.9	0.5	70.8	74.1	67.6
International Avg. (14)	29271	36.2	61.1	0.9	1.8	61.1	63.6	58.7
Abu Dhabi, UAE	1576	67.1	27.4	1.7	3.8	27.4	32.2	23.1
Dubai, UAE	2960	40.4	57.4	0.8	1.4	57.4	58.0	56.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Dr. Elizabeth Blackwell: Acquire and Use Information / Make Straightforward Inferences
 E11B14C: What shows people did not accept woman doctor - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	54.0	35.1	8.6	2.3	35.1	37.1	33.1
Chinese Taipei	1719	40.5	47.2	12.2	0.1	47.2	51.5	43.2
Denmark	994	56.4	32.4	9.3	1.9	32.4	38.1	26.5
Georgia	2197	50.2	24.1	15.8	9.9	24.1	27.6	20.6
Ireland	994	46.4	48.2	4.6	0.8	48.2	50.8	45.5
Israel	1505	44.4	41.7	11.1	2.8	41.7	47.5	36.0
Italy	1501	47.3	38.4	11.8	2.5	38.4	41.2	35.6
Norway (5)	1452	52.4	39.4	7.5	0.8	39.4	45.6	33.3
Portugal	1804	62.7	23.9	11.2	2.1	23.9	26.9	20.8
Singapore	2521	34.6	63.0	2.1	0.2	63.0	69.6	57.0
Slovenia	1726	62.2	23.2	12.7	1.9	23.2	24.2	22.3
Sweden	1532	55.9	32.0	10.6	1.5	32.0	38.1	26.0
United Arab Emirates	6172	60.5	24.7	10.2	4.7	24.7	29.0	20.5
United States	1632	56.5	39.7	2.8	1.0	39.7	43.0	36.4
International Avg. (14)	29271	51.7	36.6	9.3	2.3	36.6	40.7	32.6
Abu Dhabi, UAE	1576	66.2	17.2	11.5	5.2	17.2	22.5	12.4
Dubai, UAE	2960	54.5	37.1	6.3	2.1	37.1	40.3	34.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Dr. Elizabeth Blackwell: Acquire and Use Information / Make Straightforward Inferences
 E11B15C: Two goals that are the same today - 2 Points

COUNTRY	N	0 %	1 %	2 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	16.2	24.1	47.6	6.4	5.6	71.7	47.6	52.3	42.8
Chinese Taipei	1719	16.6	46.7	24.9	8.1	3.8	71.6	24.9	27.4	22.6
Denmark	994	14.5	20.6	53.2	6.9	4.8	73.8	53.2	57.2	49.1
Georgia	2197	23.0	23.0	21.2	14.2	18.6	44.2	21.2	22.2	20.2
Ireland	994	16.1	27.1	49.8	3.8	3.2	76.9	49.8	53.6	45.9
Israel	1505	20.0	33.8	30.7	7.1	8.4	64.5	30.7	32.9	28.5
Italy	1501	16.5	28.7	40.9	7.1	6.8	69.7	40.9	38.9	43.0
Norway (5)	1452	12.4	19.7	60.4	4.6	2.9	80.1	60.4	63.4	57.4
Portugal	1804	23.2	20.8	40.7	8.6	6.7	61.4	40.7	42.4	38.9
Singapore	2521	14.3	20.2	62.7	2.2	0.7	82.9	62.7	65.5	60.0
Slovenia	1726	32.8	20.2	31.7	9.6	5.7	51.9	31.7	30.0	33.4
Sweden	1532	18.0	29.3	40.0	8.7	4.0	69.3	40.0	41.2	38.8
United Arab Emirates	6172	27.8	19.0	35.7	7.1	10.5	54.6	35.7	40.1	31.4
United States	1632	23.4	32.3	39.0	2.8	2.5	71.3	39.0	42.2	35.8
International Avg. (14)	29271	19.6	26.1	41.3	6.9	6.0	67.4	41.3	43.5	39.1
Abu Dhabi, UAE	1576	36.1	18.3	25.6	7.7	12.3	43.9	25.6	31.0	20.7
Dubai, UAE	2960	19.5	20.8	50.6	4.2	4.9	71.4	50.6	52.5	48.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Dr. Elizabeth Blackwell: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11B16C: Three things Elizabeth did to help women - 3 Points

COUNTRY	N	0 %	1 %	2 %	3 %	OMITTED %	NOT REACHED %	V1 %	V2 %	V3 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3522	8.9	14.9	26.7	32.3	8.3	8.9	73.9	59.0	32.3	32.6	32.0
Chinese Taipei	1719	8.7	8.9	12.4	52.3	11.3	6.4	73.6	64.8	52.3	55.9	49.0
Denmark	994	8.0	16.5	28.1	34.1	6.5	6.7	78.7	62.3	34.1	39.8	28.2
Georgia	2197	10.2	12.6	18.0	18.6	14.5	26.1	49.2	36.6	18.6	21.7	15.6
Ireland	994	6.0	13.4	28.9	42.7	4.0	5.0	84.9	71.5	42.7	45.7	39.6
Israel	1505	12.5	10.8	16.4	41.0	7.3	12.0	68.2	57.4	41.0	45.8	36.2
Italy	1501	8.6	12.5	27.5	31.6	10.5	9.4	71.5	59.0	31.6	35.3	27.9
Norway (5)	1452	6.5	12.6	25.7	45.3	6.2	3.8	83.5	70.9	45.3	50.5	40.1
Portugal	1804	11.2	16.2	18.3	32.7	11.2	10.4	67.2	51.0	32.7	33.4	32.0
Singapore	2521	10.4	18.9	24.3	41.7	3.6	1.2	84.9	66.0	41.7	44.6	39.0
Slovenia	1726	16.5	16.7	16.2	30.9	10.9	8.8	63.8	47.1	30.9	35.6	26.2
Sweden	1532	6.1	13.9	17.1	52.5	5.2	5.2	83.5	69.6	52.5	57.2	48.0
United Arab Emirates	6172	18.0	10.1	16.3	32.6	8.6	14.4	59.0	48.9	32.6	37.1	28.2
United States	1632	10.3	12.8	21.3	47.3	4.3	4.0	81.5	68.7	47.3	49.2	45.5
International Avg. (14)	29271	10.1	13.6	21.2	38.2	8.0	8.7	73.1	59.5	38.2	41.7	34.8
Abu Dhabi, UAE	1576	26.1	10.6	12.8	25.6	8.6	16.3	49.0	38.4	25.6	32.5	19.4
Dubai, UAE	2960	11.2	11.0	21.2	43.7	5.8	7.1	75.9	64.9	43.7	45.6	41.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Dr. Elizabeth Blackwell: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11B17C: Three important achievements - 3 Points

COUNTRY	N	0	1	2	3	OMITTED	NOT REACHED	V1	V2	V3	1.GIRL	2.BOY
		%	%	%	%	%	%	%	%	%	% RIGHT	% RIGHT
Canada	3522	13.6	22.0	27.3	16.0	6.3	14.7	65.4	43.4	16.0	16.3	15.7
Chinese Taipei	1719	16.0	18.8	17.6	18.1	15.8	13.7	54.5	35.7	18.1	18.6	17.6
Denmark	994	12.0	22.3	30.2	20.6	5.5	9.4	73.1	50.8	20.6	21.4	19.8
Georgia	2197	12.9	15.3	15.5	11.6	9.7	35.1	42.3	27.1	11.6	12.3	10.9
Ireland	994	8.8	16.6	32.1	31.5	4.1	6.9	80.2	63.6	31.5	33.4	29.6
Israel	1505	16.2	15.8	21.6	21.2	7.7	17.5	58.6	42.9	21.2	23.1	19.4
Italy	1501	13.3	18.2	24.5	17.2	10.5	16.4	59.8	41.7	17.2	18.1	16.3
Norway (5)	1452	10.0	20.3	33.2	26.2	3.5	6.8	79.7	59.4	26.2	27.4	25.0
Portugal	1804	24.6	18.8	17.4	8.9	12.1	18.3	45.1	26.3	8.9	8.6	9.2
Singapore	2521	14.6	14.8	27.1	36.4	4.4	2.7	78.3	63.5	36.4	41.1	32.2
Slovenia	1726	19.3	25.0	21.4	11.4	8.4	14.6	57.7	32.8	11.4	11.1	11.6
Sweden	1532	16.9	25.7	30.6	12.3	6.8	7.7	68.6	42.9	12.3	13.2	11.4
United Arab Emirates	6172	22.2	16.4	17.4	14.0	9.2	20.7	47.9	31.5	14.0	14.6	13.6
United States	1632	15.0	20.2	28.7	25.3	4.0	6.7	74.2	54.0	25.3	24.9	25.7
International Avg. (14)	29271	15.4	19.3	24.6	19.3	7.7	13.7	63.3	44.0	19.3	20.3	18.4
Abu Dhabi, UAE	1576	29.0	16.9	11.5	10.0	10.0	22.6	38.4	21.5	10.0	10.2	9.8
Dubai, UAE	2960	15.7	16.2	24.8	24.2	7.8	11.3	65.2	49.0	24.2	24.1	24.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Make Straightforward Inferences
E11M01M: Which website explains where Mars is - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	33.4	36.7	26.1	33.4	3.5	0.3	31.8	35.1
Chinese Taipei	1719	42.2	18.5	37.4	42.2	1.7	0.3	40.4	43.7
Denmark	1002	48.3	29.4	20.6	48.3	1.5	0.2	47.4	49.2
Georgia	2198	25.3	37.9	30.5	25.3	3.6	2.6	24.9	25.7
Ireland	980	36.7	34.3	25.9	36.7	2.8	0.3	38.3	35.0
Israel	1511	35.5	19.4	39.4	35.5	5.0	0.7	36.0	34.9
Italy	1509	22.5	35.9	37.3	22.5	3.0	1.2	21.8	23.2
Norway (5)	1432	51.5	25.1	21.0	51.5	1.9	0.5	52.9	50.1
Portugal	1826	30.9	39.6	25.9	30.9	3.3	0.2	27.8	34.1
Singapore	2530	46.8	21.2	27.0	46.8	4.5	0.4	48.2	45.6
Slovenia	1710	31.3	38.2	28.1	31.3	2.1	0.3	28.6	34.0
Sweden	1539	36.2	31.6	30.6	36.2	1.4	0.2	35.6	36.7
United Arab Emirates	6152	20.5	39.9	34.1	20.5	3.5	2.1	19.9	21.1
United States	1642	38.9	29.6	27.6	38.9	3.3	0.6	40.7	37.3
International Avg. (14)	29299	35.7	31.2	29.4	35.7	2.9	0.7	35.3	36.1
Abu Dhabi, UAE	1557	18.0	39.9	35.6	18.0	3.5	3.1	17.2	18.8
Dubai, UAE	2965	29.1	36.5	29.2	29.1	4.1	1.1	27.8	30.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11M02C: Planets between Mars and Sun - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	7.7	92.0	0.3	92.0	92.3	91.7
Chinese Taipei	1719	8.0	91.3	0.8	91.3	91.9	90.7
Denmark	1002	4.3	95.3	0.4	95.3	97.0	93.6
Georgia	2198	13.1	83.4	3.5	83.4	83.9	82.9
Ireland	980	7.6	92.1	0.3	92.1	92.3	91.9
Israel	1511	17.4	81.4	1.2	81.4	81.5	81.4
Italy	1509	10.5	88.4	1.0	88.4	87.6	89.2
Norway (5)	1432	3.3	96.3	0.4	96.3	96.2	96.5
Portugal	1826	9.2	90.6	0.1	90.6	90.7	90.6
Singapore	2530	9.5	90.3	0.2	90.3	92.1	88.5
Slovenia	1710	8.7	91.0	0.3	91.0	91.0	91.1
Sweden	1539	4.9	94.5	0.6	94.5	96.8	92.4
United Arab Emirates	6152	20.2	76.6	3.2	76.6	80.7	72.6
United States	1642	10.3	89.0	0.7	89.0	89.1	88.9
International Avg. (14)	29299	9.6	89.4	0.9	89.4	90.2	88.7
Abu Dhabi, UAE	1557	27.0	68.0	5.0	68.0	75.4	61.4
Dubai, UAE	2965	11.4	87.6	1.0	87.6	88.9	86.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Make Straightforward Inferences
 E11M03C: What scientists thought 100 years ago - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	26.9	68.9	4.1	0.1	68.9	73.1	64.6
Chinese Taipei	1719	31.0	66.2	2.8	0.0	66.2	64.7	67.6
Denmark	1002	34.4	61.8	3.7	0.0	61.8	57.7	66.0
Georgia	2198	32.3	58.1	9.6	0.0	58.1	57.6	58.5
Ireland	980	12.9	84.9	2.2	0.0	84.9	86.6	83.1
Israel	1511	41.5	53.6	4.9	0.0	53.6	52.8	54.5
Italy	1509	23.2	72.6	4.1	0.1	72.6	70.5	74.7
Norway (5)	1432	39.4	58.6	2.0	0.0	58.6	58.9	58.3
Portugal	1826	21.4	76.9	1.7	0.0	76.9	78.1	75.7
Singapore	2530	21.7	77.6	0.7	0.0	77.6	78.4	76.9
Slovenia	1710	50.1	46.8	3.1	0.0	46.8	44.7	48.9
Sweden	1539	15.9	81.7	2.3	0.1	81.7	82.0	81.4
United Arab Emirates	6152	41.0	52.9	6.2	0.0	52.9	57.3	48.6
United States	1642	31.0	67.9	1.1	0.0	67.9	69.4	66.5
International Avg. (14)	29299	30.2	66.3	3.5	0.0	66.3	66.6	66.1
Abu Dhabi, UAE	1557	49.1	41.8	9.1	0.0	41.8	47.7	36.6
Dubai, UAE	2965	28.1	69.1	2.8	0.0	69.1	68.8	69.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11M04C: Why Mars looks red - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	36.9	59.9	3.0	0.2	59.9	62.0	57.8
Chinese Taipei	1719	30.2	66.4	3.3	0.0	66.4	67.8	65.2
Denmark	1002	28.1	68.8	3.1	0.0	68.8	68.9	68.7
Georgia	2198	52.7	37.3	10.0	0.0	37.3	39.6	35.2
Ireland	980	30.2	67.9	1.9	0.0	67.9	68.2	67.5
Israel	1511	31.8	64.3	3.8	0.1	64.3	66.6	61.9
Italy	1509	40.0	56.8	3.1	0.1	56.8	54.8	58.6
Norway (5)	1432	25.8	71.7	2.4	0.0	71.7	76.0	67.3
Portugal	1826	56.8	40.2	3.0	0.0	40.2	39.7	40.7
Singapore	2530	26.2	72.9	0.9	0.0	72.9	74.0	71.9
Slovenia	1710	36.3	61.3	2.4	0.0	61.3	65.6	57.0
Sweden	1539	21.1	77.0	1.9	0.1	77.0	79.0	75.0
United Arab Emirates	6152	51.6	43.6	4.8	0.1	43.6	47.4	40.1
United States	1642	32.4	66.4	1.1	0.0	66.4	67.6	65.3
International Avg. (14)	29299	35.7	61.0	3.2	0.0	61.0	62.7	59.4
Abu Dhabi, UAE	1557	59.3	32.8	7.8	0.1	32.8	36.7	29.4
Dubai, UAE	2965	38.0	59.7	2.2	0.0	59.7	61.6	57.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
E11M05M: Why Mars is cold - 1 Point - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	87.6	87.6	5.5	3.2	3.1	0.4	0.2	87.8	87.4
Chinese Taipei	1719	85.1	85.1	3.1	7.2	3.9	0.6	0.0	86.3	84.1
Denmark	1002	88.5	88.5	4.6	3.5	2.9	0.5	0.0	88.0	89.0
Georgia	2198	80.5	80.5	7.2	4.7	5.2	2.2	0.2	82.5	78.7
Ireland	980	89.7	89.7	4.7	2.6	2.9	0.1	0.0	91.2	88.1
Israel	1511	87.5	87.5	4.1	3.9	3.3	1.1	0.1	87.2	87.8
Italy	1509	83.3	83.3	6.2	5.8	3.8	0.8	0.1	82.4	84.3
Norway (5)	1432	93.9	93.9	2.0	0.8	3.0	0.3	0.0	93.1	94.7
Portugal	1826	85.4	85.4	6.8	4.5	3.1	0.2	0.0	83.8	87.0
Singapore	2530	92.6	92.6	2.8	2.0	2.3	0.4	0.0	92.9	92.3
Slovenia	1710	88.4	88.4	3.9	4.7	3.0	0.0	0.0	89.2	87.6
Sweden	1539	92.8	92.8	2.9	1.1	3.0	0.2	0.1	94.7	91.1
United Arab Emirates	6152	76.0	76.0	10.7	7.2	4.9	1.2	0.1	79.5	72.7
United States	1642	89.3	89.3	4.5	3.0	2.6	0.6	0.0	89.7	89.0
International Avg. (14)	29299	87.2	87.2	4.9	3.9	3.4	0.6	0.1	87.7	86.7
Abu Dhabi, UAE	1557	69.4	69.4	15.1	8.4	5.3	1.6	0.1	75.8	63.7
Dubai, UAE	2965	85.6	85.6	5.6	4.5	3.8	0.5	0.0	86.6	84.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Make Straightforward Inferences
E11M06M: Which website discusses space exploration - 1 Point - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	61.5	21.9	9.3	6.3	61.5	0.8	0.2	61.4	61.5
Chinese Taipei	1719	60.7	13.6	13.5	11.8	60.7	0.5	0.0	61.0	60.4
Denmark	1002	79.6	11.0	3.9	4.5	79.6	1.0	0.0	79.8	79.4
Georgia	2198	39.2	38.2	11.8	8.8	39.2	1.7	0.2	40.3	38.2
Ireland	980	66.9	18.5	6.6	7.5	66.9	0.6	0.0	66.8	67.0
Israel	1511	67.2	11.5	14.5	6.1	67.2	0.6	0.1	69.1	65.2
Italy	1509	55.9	23.0	17.1	3.7	55.9	0.2	0.2	56.3	55.4
Norway (5)	1432	86.9	4.8	3.8	4.2	86.9	0.2	0.0	91.1	82.5
Portugal	1826	63.3	23.0	6.9	6.5	63.3	0.4	0.0	64.5	62.0
Singapore	2530	65.0	17.3	7.9	9.2	65.0	0.5	0.0	65.0	65.0
Slovenia	1710	69.5	17.5	7.6	5.1	69.5	0.3	0.0	69.5	69.5
Sweden	1539	83.9	7.4	4.3	4.1	83.9	0.2	0.1	84.8	83.0
United Arab Emirates	6152	49.6	25.4	13.2	10.3	49.6	1.5	0.1	52.7	46.7
United States	1642	64.7	15.5	9.9	9.1	64.7	0.7	0.0	63.6	65.7
International Avg. (14)	29299	65.3	17.8	9.3	6.9	65.3	0.7	0.1	66.1	64.4
Abu Dhabi, UAE	1557	44.7	27.3	14.7	11.1	44.7	2.0	0.1	49.1	40.8
Dubai, UAE	2965	56.9	21.4	12.3	8.4	56.9	1.0	0.0	58.7	55.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 EllM07M: More failures than successes - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	49.6	36.1	6.4	49.6	7.0	0.7	0.2	49.9	49.3
Chinese Taipei	1719	46.0	38.5	4.2	46.0	11.1	0.2	0.0	46.6	45.4
Denmark	1002	26.9	48.4	6.5	26.9	17.3	0.9	0.0	26.6	27.2
Georgia	2198	34.2	35.2	10.2	34.2	17.9	2.1	0.3	33.8	34.6
Ireland	980	59.7	30.6	4.5	59.7	5.1	0.2	0.0	58.9	60.5
Israel	1511	39.2	40.9	7.4	39.2	11.6	0.9	0.1	38.7	39.7
Italy	1509	36.9	47.1	3.3	36.9	11.8	0.9	0.2	34.6	39.1
Norway (5)	1432	36.3	45.2	7.2	36.3	10.6	0.7	0.0	38.0	34.5
Portugal	1826	41.8	41.5	6.9	41.8	9.4	0.4	0.0	43.9	39.6
Singapore	2530	70.3	19.0	5.7	70.3	4.8	0.3	0.0	71.4	69.2
Slovenia	1710	35.6	39.4	7.3	35.6	17.0	0.8	0.0	36.0	35.2
Sweden	1539	29.2	49.8	5.0	29.2	15.1	1.0	0.1	32.9	25.6
United Arab Emirates	6152	31.2	46.9	9.6	31.2	10.9	1.3	0.1	31.0	31.4
United States	1642	59.6	26.6	6.9	59.6	6.2	0.6	0.0	59.8	59.4
International Avg. (14)	29299	42.6	38.9	6.5	42.6	11.1	0.8	0.1	43.0	42.2
Abu Dhabi, UAE	1557	25.3	47.8	13.2	25.3	11.9	1.7	0.2	26.9	23.9
Dubai, UAE	2965	48.9	35.3	7.2	48.9	8.2	0.3	0.0	48.9	48.9

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
E11M08C: Why scientists keep exploring Mars - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	29.9	68.0	1.7	0.3	68.0	67.6	68.4
Chinese Taipei	1719	24.4	73.5	2.1	0.0	73.5	74.9	72.2
Denmark	1002	25.7	72.0	2.1	0.1	72.0	74.8	69.3
Georgia	2198	30.9	64.3	4.4	0.4	64.3	67.1	61.9
Ireland	980	19.8	79.4	0.9	0.0	79.4	79.9	78.8
Israel	1511	29.6	68.0	2.3	0.1	68.0	67.9	68.2
Italy	1509	16.2	82.0	1.6	0.2	82.0	81.2	82.8
Norway (5)	1432	15.6	83.6	0.8	0.0	83.6	86.0	81.0
Portugal	1826	26.2	72.7	1.1	0.1	72.7	72.7	72.6
Singapore	2530	17.0	82.3	0.7	0.0	82.3	84.0	80.7
Slovenia	1710	27.4	70.8	1.8	0.0	70.8	74.5	67.1
Sweden	1539	22.3	75.8	1.8	0.1	75.8	79.7	72.2
United Arab Emirates	6152	48.3	47.3	4.2	0.1	47.3	52.7	42.2
United States	1642	27.4	71.3	1.2	0.1	71.3	70.9	71.6
International Avg. (14)	29299	25.8	72.2	1.9	0.1	72.2	73.9	70.6
Abu Dhabi, UAE	1557	58.5	35.0	6.3	0.3	35.0	41.8	28.9
Dubai, UAE	2965	31.9	66.0	2.0	0.1	66.0	68.0	64.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11M09C: Definition of orbit - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	28.6	67.7	3.4	0.3	67.7	68.0	67.3
Chinese Taipei	1719	41.1	54.7	4.2	0.0	54.7	58.8	51.0
Denmark	1002	36.4	61.7	1.7	0.3	61.7	65.1	58.3
Georgia	2198	65.8	27.8	5.7	0.7	27.8	26.1	29.3
Ireland	980	34.6	63.8	1.7	0.0	63.8	66.3	61.2
Israel	1511	49.2	48.3	2.4	0.2	48.3	52.1	44.3
Italy	1509	28.2	67.8	3.8	0.2	67.8	66.7	68.8
Norway (5)	1432	28.6	69.5	1.9	0.0	69.5	72.8	66.1
Portugal	1826	40.2	56.0	3.7	0.1	56.0	56.9	55.0
Singapore	2530	24.8	74.4	0.8	0.0	74.4	77.9	71.2
Slovenia	1710	42.4	52.7	4.9	0.1	52.7	51.2	54.1
Sweden	1539	48.3	48.6	3.0	0.1	48.6	51.6	45.8
United Arab Emirates	6152	53.3	42.4	4.0	0.3	42.4	45.1	39.9
United States	1642	36.1	63.1	0.6	0.1	63.1	68.9	57.7
International Avg. (14)	29299	39.8	57.0	3.0	0.2	57.0	59.1	55.0
Abu Dhabi, UAE	1557	58.0	35.5	5.9	0.6	35.5	41.0	30.6
Dubai, UAE	2965	41.1	56.4	2.4	0.1	56.4	57.9	55.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
E11M10M: Purpose of moving diagram - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	74.5	5.7	7.8	74.5	10.9	0.5	0.5	72.4	76.7
Chinese Taipei	1719	70.4	4.5	10.0	70.4	14.4	0.7	0.0	67.3	73.3
Denmark	1002	84.1	3.5	5.8	84.1	5.6	0.7	0.3	85.2	83.1
Georgia	2198	50.3	12.5	19.6	50.3	14.1	2.5	1.0	50.2	50.3
Ireland	980	78.4	3.7	6.7	78.4	10.6	0.5	0.0	78.1	78.8
Israel	1511	67.1	6.0	10.4	67.1	15.4	1.0	0.2	64.2	70.0
Italy	1509	66.5	3.8	11.2	66.5	16.6	1.7	0.3	63.8	69.1
Norway (5)	1432	85.4	3.7	5.0	85.4	5.4	0.5	0.0	87.6	83.2
Portugal	1826	69.6	4.8	9.5	69.6	15.5	0.5	0.1	67.7	71.6
Singapore	2530	77.2	2.6	9.5	77.2	10.3	0.3	0.0	77.4	77.0
Slovenia	1710	75.4	6.4	9.1	75.4	8.4	0.7	0.1	78.3	72.5
Sweden	1539	85.1	2.2	7.1	85.1	4.8	0.8	0.1	85.7	84.6
United Arab Emirates	6152	51.9	11.2	18.6	51.9	16.4	1.5	0.4	53.7	50.2
United States	1642	75.3	3.2	8.5	75.3	12.0	0.8	0.2	75.4	75.3
International Avg. (14)	29299	72.2	5.3	9.9	72.2	11.5	0.9	0.2	71.9	72.6
Abu Dhabi, UAE	1557	44.2	14.1	21.2	44.2	17.7	2.1	0.6	45.2	43.3
Dubai, UAE	2965	69.6	5.7	10.4	69.6	13.4	0.8	0.1	70.3	68.9

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Interpret and Integrate Ideas and Information
E11M11C: Why plan ahead - 2 Points

COUNTRY	N	0 %	1 %	2 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	33.8	40.7	21.3	3.7	0.6	62.0	21.3	25.1	17.4
Chinese Taipei	1719	30.2	41.4	22.8	5.6	0.0	64.2	22.8	23.4	22.3
Denmark	1002	41.0	40.5	16.3	2.0	0.3	56.8	16.3	19.3	13.3
Georgia	2198	41.6	34.9	8.7	13.3	1.4	43.6	8.7	9.7	7.9
Ireland	980	37.1	42.0	18.3	2.5	0.1	60.3	18.3	21.6	15.0
Israel	1511	35.2	30.9	28.8	4.7	0.4	59.7	28.8	30.0	27.5
Italy	1509	31.8	37.0	21.0	9.8	0.3	58.0	21.0	18.7	23.3
Norway (5)	1432	31.7	37.5	26.7	4.1	0.0	64.2	26.7	28.8	24.6
Portugal	1826	52.6	27.2	13.0	7.1	0.1	40.2	13.0	13.9	12.1
Singapore	2530	15.3	43.2	40.1	1.4	0.0	83.3	40.1	43.9	36.4
Slovenia	1710	46.3	28.6	19.3	5.6	0.2	47.9	19.3	20.6	18.0
Sweden	1539	38.6	41.7	16.6	2.9	0.2	58.4	16.6	21.6	12.0
United Arab Emirates	6152	48.9	32.5	11.4	6.8	0.5	43.9	11.4	13.3	9.5
United States	1642	39.9	41.1	16.9	1.9	0.2	58.1	16.9	19.4	14.6
International Avg. (14)	29299	37.4	37.1	20.1	5.1	0.3	57.2	20.1	22.1	18.1
Abu Dhabi, UAE	1557	55.5	27.5	7.5	8.9	0.6	35.0	7.5	10.3	5.1
Dubai, UAE	2965	36.1	39.1	20.1	4.6	0.1	59.2	20.1	21.0	19.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Make Straightforward Inferences
 E11M12M: Description of flyby mission - 1 Point - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	70.8	6.2	70.8	15.6	5.7	1.1	0.6	72.2	69.3
Chinese Taipei	1719	67.9	9.2	67.9	19.3	3.7	0.0	0.0	69.0	66.8
Denmark	1002	76.1	4.4	76.1	11.7	6.5	1.1	0.3	77.5	74.8
Georgia	2198	42.3	23.1	42.3	14.8	14.2	3.0	2.7	44.5	40.5
Ireland	980	77.3	6.8	77.3	9.4	6.2	0.2	0.1	79.1	75.5
Israel	1511	70.1	8.9	70.1	13.3	6.3	0.8	0.5	71.4	68.8
Italy	1509	62.0	12.0	62.0	17.7	6.9	0.9	0.5	63.5	60.6
Norway (5)	1432	73.5	5.6	73.5	16.7	3.3	0.7	0.2	76.6	70.2
Portugal	1826	59.7	15.7	59.7	17.5	6.6	0.5	0.1	61.5	57.8
Singapore	2530	75.3	8.5	75.3	12.8	3.2	0.1	0.0	76.3	74.4
Slovenia	1710	60.7	9.8	60.7	20.8	7.6	0.8	0.2	62.8	58.6
Sweden	1539	75.1	4.2	75.1	13.2	6.2	1.2	0.2	77.6	72.8
United Arab Emirates	6152	56.5	16.2	56.5	17.4	7.9	1.1	0.9	59.8	53.3
United States	1642	75.4	6.4	75.4	14.7	3.0	0.4	0.2	75.2	75.5
International Avg. (14)	29299	67.3	9.8	67.3	15.4	6.2	0.8	0.5	69.1	65.6
Abu Dhabi, UAE	1557	48.8	18.4	48.8	21.1	9.4	1.2	1.2	53.5	44.6
Dubai, UAE	2965	70.6	10.1	70.6	13.5	4.9	0.5	0.4	71.7	69.5

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Interpret and Integrate Ideas and Information
E11M13C: Why orbiters are useful - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	63.8	26.3	9.0	1.0	26.3	26.1	26.5
Chinese Taipei	1719	72.8	13.0	14.2	0.0	13.0	12.6	13.4
Denmark	1002	66.9	19.5	13.4	0.3	19.5	16.5	22.4
Georgia	2198	63.1	18.1	15.2	3.6	18.1	18.7	17.5
Ireland	980	65.7	26.7	7.4	0.3	26.7	24.1	29.3
Israel	1511	57.2	30.3	11.6	0.9	30.3	30.3	30.4
Italy	1509	65.5	22.4	11.5	0.6	22.4	23.2	21.6
Norway (5)	1432	47.7	41.9	10.2	0.3	41.9	40.0	43.9
Portugal	1826	73.8	15.6	10.5	0.2	15.6	15.5	15.6
Singapore	2530	59.4	37.9	2.6	0.0	37.9	37.0	38.9
Slovenia	1710	56.7	32.7	10.4	0.2	32.7	32.0	33.3
Sweden	1539	53.0	33.3	13.3	0.3	33.3	34.8	31.9
United Arab Emirates	6152	71.1	19.1	8.4	1.4	19.1	20.7	17.7
United States	1642	61.6	35.3	2.8	0.3	35.3	32.5	38.0
International Avg. (14)	29299	62.7	26.6	10.0	0.7	26.6	26.0	27.2
Abu Dhabi, UAE	1557	74.0	14.4	9.8	1.8	14.4	17.3	11.8
Dubai, UAE	2965	64.8	27.9	6.9	0.5	27.9	26.5	29.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Interpret and Integrate Ideas and Information
E11M14C: Which inventions have helped scientists - 3 Points

COUNTRY	N	0 %	1 %	2 %	3 %	OMITTED %	NOT REACHED %	V1 %	V2 %	V3 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	20.0	14.0	25.6	26.1	12.6	1.7	65.7	51.7	26.1	19.3	33.1
Chinese Taipei	1719	28.3	12.5	18.9	13.7	26.1	0.4	45.1	32.6	13.7	11.2	16.0
Denmark	1002	22.4	13.5	21.2	24.0	18.3	0.6	58.7	45.2	24.0	20.2	27.7
Georgia	2198	26.8	11.9	13.9	8.5	31.2	7.7	34.2	22.3	8.5	7.7	9.1
Ireland	980	14.5	13.6	24.0	37.3	10.0	0.5	75.0	61.4	37.3	30.3	44.5
Israel	1511	18.5	16.9	31.6	15.3	15.0	2.8	63.7	46.9	15.3	9.5	21.3
Italy	1509	18.7	14.7	29.6	16.4	19.6	1.1	60.6	46.0	16.4	11.4	21.3
Norway (5)	1432	18.6	14.3	22.6	29.7	14.1	0.7	66.6	52.3	29.7	26.8	32.7
Portugal	1826	19.7	16.6	24.7	23.3	15.0	0.7	64.6	48.0	23.3	19.2	27.5
Singapore	2530	22.1	12.9	28.0	30.7	6.3	0.0	71.5	58.7	30.7	28.1	33.1
Slovenia	1710	20.7	12.7	22.9	25.4	17.7	0.6	61.0	48.3	25.4	18.7	32.0
Sweden	1539	16.7	15.7	22.1	33.3	12.0	0.3	71.0	55.4	33.3	30.4	36.1
United Arab Emirates	6152	38.0	12.3	20.3	11.7	14.5	3.3	44.3	31.9	11.7	9.7	13.5
United States	1642	29.3	10.8	26.2	26.3	6.7	0.6	63.4	52.5	26.3	23.1	29.3
International Avg. (14)	29299	22.5	13.7	23.7	23.0	15.7	1.5	60.4	46.6	23.0	19.0	26.9
Abu Dhabi, UAE	1557	45.8	10.4	16.8	6.5	16.6	4.0	33.7	23.3	6.5	5.5	7.4
Dubai, UAE	2965	25.1	13.4	25.4	22.6	12.3	1.2	61.4	48.0	22.6	18.6	26.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Make Straightforward Inferences
 E11M15C: Why rovers look for water - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	21.6	74.8	1.3	2.3	74.8	76.9	72.6
Chinese Taipei	1719	14.0	82.1	3.0	0.9	82.1	85.0	79.5
Denmark	1002	15.3	82.8	0.7	1.2	82.8	82.6	83.1
Georgia	2198	22.0	61.7	4.1	12.2	61.7	64.6	59.2
Ireland	980	16.4	82.7	0.2	0.7	82.7	84.3	81.1
Israel	1511	23.5	69.4	2.8	4.3	69.4	70.2	68.4
Italy	1509	23.4	72.4	2.2	2.0	72.4	72.8	71.9
Norway (5)	1432	10.4	88.2	0.6	0.8	88.2	89.5	86.9
Portugal	1826	22.4	74.3	1.2	2.0	74.3	75.7	72.9
Singapore	2530	10.5	88.7	0.6	0.1	88.7	91.8	85.8
Slovenia	1710	25.4	72.7	0.6	1.3	72.7	77.1	68.3
Sweden	1539	12.7	85.7	1.0	0.6	85.7	88.7	82.9
United Arab Emirates	6152	33.7	56.3	4.1	5.9	56.3	60.7	52.0
United States	1642	23.4	74.8	1.0	0.7	74.8	75.7	74.0
International Avg. (14)	29299	19.6	76.2	1.7	2.5	76.2	78.3	74.2
Abu Dhabi, UAE	1557	41.7	46.0	5.1	7.2	46.0	55.0	38.1
Dubai, UAE	2965	23.1	72.2	2.6	2.2	72.2	72.2	72.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11M16C: Match curiosity (DERIVED) - 2 Points

COUNTRY	N	0	1	2	OMITTED	NOT	V1	V2	1.GIRL	2.BOY
		%	%	%		REACHED			% RIGHT	% RIGHT
Canada	3549	33.1	14.1	47.8	2.4	2.6	61.9	47.8	47.1	48.6
Chinese Taipei	1719	16.8	11.3	69.7	0.8	1.3	81.0	69.7	70.9	68.5
Denmark	1002	29.3	16.8	48.1	4.2	1.6	64.9	48.1	47.5	48.6
Georgia	2198	49.1	10.0	16.4	11.2	13.3	26.4	16.4	15.8	17.0
Ireland	980	28.7	15.9	53.4	1.3	0.7	69.3	53.4	53.1	53.8
Israel	1511	36.0	16.5	39.3	2.7	5.5	55.8	39.3	40.3	38.2
Italy	1509	31.5	13.1	47.3	5.6	2.5	60.4	47.3	47.7	46.8
Norway (5)	1432	28.2	14.9	54.2	1.8	0.9	69.1	54.2	55.3	53.1
Portugal	1826	42.6	17.0	34.5	2.8	3.0	51.6	34.5	35.4	33.6
Singapore	2530	16.0	13.3	69.8	0.7	0.2	83.1	69.8	71.9	67.8
Slovenia	1710	41.9	15.9	37.5	3.3	1.4	53.4	37.5	37.9	37.1
Sweden	1539	29.2	16.8	50.0	2.9	1.1	66.8	50.0	51.9	48.3
United Arab Emirates	6152	45.2	12.0	29.5	6.1	7.3	41.4	29.5	32.5	26.7
United States	1642	25.3	18.3	53.6	1.8	1.0	71.9	53.6	53.9	53.4
International Avg. (14)	29299	32.3	14.7	46.5	3.4	3.0	61.2	46.5	47.2	45.8
Abu Dhabi, UAE	1557	51.8	10.8	21.4	7.6	8.4	32.2	21.4	25.8	17.5
Dubai, UAE	2965	30.8	14.0	48.7	3.2	3.3	62.7	48.7	51.4	46.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Interpret and Integrate Ideas and Information
E11M16MA: Match curiosity (arm and hand) - 1 Point - Key: F

COUNTRY	N	DIFF %	A %	B %	C %	D %	E %	F %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	65.1	7.9	6.3	11.5	1.3	1.9	65.1	3.2	2.6	64.7	65.5
Chinese Taipei	1719	80.8	4.4	3.3	6.3	0.9	1.4	80.8	1.5	1.3	82.0	79.8
Denmark	1002	65.4	7.8	7.4	11.5	0.7	0.8	65.4	4.7	1.6	65.3	65.4
Georgia	2198	33.0	15.6	9.1	10.6	1.5	1.7	33.0	15.2	13.3	30.9	34.8
Ireland	980	72.9	5.9	4.8	12.2	0.5	1.1	72.9	1.8	0.7	72.2	73.7
Israel	1511	56.1	7.8	8.3	14.6	1.7	2.5	56.1	3.6	5.5	56.8	55.3
Italy	1509	63.5	6.7	4.8	13.5	1.4	0.9	63.5	6.8	2.5	65.5	61.5
Norway (5)	1432	72.2	6.7	3.2	12.7	1.0	0.9	72.2	2.6	0.9	73.3	71.0
Portugal	1826	55.8	8.0	7.9	16.9	2.0	2.1	55.8	4.4	3.0	57.1	54.4
Singapore	2530	85.2	2.9	3.5	5.6	0.8	0.9	85.2	0.9	0.2	87.7	82.8
Slovenia	1710	56.4	7.2	9.2	18.1	1.9	1.1	56.4	4.8	1.4	57.5	55.3
Sweden	1539	68.3	6.3	4.1	15.4	0.7	0.5	68.3	3.5	1.1	68.7	68.0
United Arab Emirates	6152	48.2	9.8	10.4	9.7	3.1	2.2	48.2	9.3	7.3	52.0	44.5
United States	1642	73.8	3.5	6.4	10.5	0.8	1.2	73.8	2.9	1.0	75.7	72.0
International Avg. (14)	29299	64.0	7.2	6.3	12.1	1.3	1.4	64.0	4.7	3.0	65.0	63.1
Abu Dhabi, UAE	1557	38.5	12.3	12.5	10.6	3.4	2.4	38.5	12.0	8.4	44.0	33.5
Dubai, UAE	2965	67.1	6.6	7.3	8.4	1.4	1.5	67.1	4.4	3.3	69.2	65.1

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11M16MB: Match curiosity (body and instruments) - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	E %	F %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	58.6	2.4	13.3	58.6	5.4	3.1	9.9	4.7	2.6	58.2	58.9
Chinese Taipei	1719	78.1	1.4	8.3	78.1	2.1	1.9	4.7	2.1	1.3	78.4	77.8
Denmark	1002	57.7	1.7	14.7	57.7	5.6	3.0	10.3	5.4	1.6	59.3	56.0
Georgia	2198	26.4	5.0	16.7	26.4	5.5	6.0	7.9	19.1	13.3	25.3	27.4
Ireland	980	66.6	3.6	10.5	66.6	2.6	3.1	10.0	3.0	0.7	66.4	66.7
Israel	1511	50.6	2.6	18.5	50.6	5.5	3.7	8.6	5.0	5.5	50.1	51.1
Italy	1509	57.6	5.8	10.2	57.6	4.5	4.2	6.5	8.7	2.5	58.8	56.5
Norway (5)	1432	62.7	3.1	12.4	62.7	5.3	2.3	10.0	3.3	0.9	64.6	60.6
Portugal	1826	49.4	3.1	12.8	49.4	7.7	5.7	13.1	5.1	3.0	51.7	47.0
Singapore	2530	78.8	1.0	7.0	78.8	2.9	3.0	6.0	1.0	0.2	81.2	76.6
Slovenia	1710	50.2	3.5	14.8	50.2	7.6	7.1	9.7	5.8	1.4	52.0	48.4
Sweden	1539	60.5	2.4	11.9	60.5	4.6	1.6	12.9	5.0	1.1	61.8	59.3
United Arab Emirates	6152	41.5	5.3	14.3	41.5	7.2	5.9	7.5	11.0	7.3	43.7	39.4
United States	1642	65.4	2.2	11.2	65.4	4.5	2.4	9.7	3.5	1.0	67.5	63.5
International Avg. (14)	29299	57.4	3.1	12.6	57.4	5.1	3.8	9.1	5.9	3.0	58.5	56.4
Abu Dhabi, UAE	1557	34.8	7.0	15.2	34.8	7.1	6.1	7.1	14.3	8.4	38.3	31.8
Dubai, UAE	2965	59.5	2.7	11.2	59.5	5.5	5.1	7.3	5.4	3.3	60.9	58.2

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11M16MC: Match curiosity (eyes) - 1 Point - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	E %	F %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	75.4	75.4	6.3	4.5	3.4	1.9	1.3	4.6	2.6	75.4	75.3
Chinese Taipei	1719	87.2	87.2	4.8	1.7	1.0	1.0	0.5	2.4	1.3	87.7	86.8
Denmark	1002	80.0	80.0	5.4	3.3	1.7	1.0	0.5	6.5	1.6	78.6	81.4
Georgia	2198	39.8	39.8	5.9	10.0	4.0	3.3	1.9	21.9	13.3	37.3	41.9
Ireland	980	80.2	80.2	8.9	3.2	1.9	0.7	0.7	3.7	0.7	82.9	77.5
Israel	1511	69.1	69.1	8.2	6.5	2.3	1.0	1.6	5.8	5.5	69.0	69.3
Italy	1509	72.7	72.7	4.9	4.9	2.9	1.5	0.6	10.1	2.5	71.6	73.7
Norway (5)	1432	81.8	81.8	6.9	3.5	1.6	1.2	0.3	3.9	0.9	81.7	81.9
Portugal	1826	65.2	65.2	11.1	7.9	3.1	1.4	1.4	6.8	3.0	64.6	65.8
Singapore	2530	87.3	87.3	6.1	1.9	1.4	0.8	0.6	1.7	0.2	88.8	86.0
Slovenia	1710	74.9	74.9	6.7	5.0	2.7	1.6	0.8	6.8	1.4	76.5	73.3
Sweden	1539	79.1	79.1	7.5	3.3	1.7	0.5	0.9	6.0	1.1	79.2	78.9
United Arab Emirates	6152	54.2	54.2	8.7	5.9	4.5	3.0	2.9	13.5	7.3	56.5	52.0
United States	1642	83.4	83.4	5.5	2.9	1.4	1.2	0.8	4.0	1.0	83.6	83.2
International Avg. (14)	29299	73.6	73.6	6.9	4.6	2.4	1.4	1.1	7.0	3.0	73.8	73.4
Abu Dhabi, UAE	1557	44.7	44.7	9.6	6.0	5.5	4.3	4.3	17.2	8.4	48.4	41.3
Dubai, UAE	2965	73.5	73.5	6.5	4.6	2.7	1.4	1.6	6.5	3.3	74.3	72.7

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11M16MD: Match curiosity (wheels and legs) - 1 Point - Key: E

COUNTRY	N	DIFF %	A %	B %	C %	D %	E %	F %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	76.9	0.7	2.2	4.1	4.3	76.9	3.3	5.7	2.6	73.9	80.0
Chinese Taipei	1719	90.0	0.5	1.4	1.4	2.1	90.0	1.2	1.9	1.3	87.9	92.0
Denmark	1002	81.3	0.5	1.5	2.8	3.0	81.3	2.3	6.9	1.6	78.8	83.7
Georgia	2198	43.5	2.4	3.7	4.2	4.4	43.5	5.0	23.5	13.3	43.0	43.9
Ireland	980	82.8	0.3	2.1	4.2	2.5	82.8	3.5	3.8	0.7	82.3	83.4
Israel	1511	75.3	1.0	1.3	2.8	3.7	75.3	4.3	6.1	5.5	75.6	75.0
Italy	1509	74.0	1.2	2.3	2.9	3.8	74.0	3.0	10.3	2.5	73.4	74.7
Norway (5)	1432	83.7	0.9	1.1	3.0	3.0	83.7	2.1	5.4	0.9	83.3	84.0
Portugal	1826	76.7	1.3	2.5	3.1	4.4	76.7	2.7	6.3	3.0	74.2	79.2
Singapore	2530	89.8	0.2	0.9	3.3	2.2	89.8	2.0	1.4	0.2	89.9	89.6
Slovenia	1710	73.9	1.2	2.6	4.1	5.9	73.9	2.9	8.1	1.4	74.0	73.9
Sweden	1539	85.7	0.8	0.9	2.1	1.8	85.7	1.4	6.2	1.1	84.6	86.7
United Arab Emirates	6152	53.5	3.0	5.6	6.3	6.1	53.5	5.8	12.4	7.3	55.3	51.7
United States	1642	81.2	0.9	2.8	4.4	3.6	81.2	2.4	3.8	1.0	80.2	82.1
International Avg. (14)	29299	76.3	1.1	2.2	3.5	3.6	76.3	3.0	7.3	3.0	75.5	77.1
Abu Dhabi, UAE	1557	42.9	3.8	6.8	7.1	8.0	42.9	7.3	15.6	8.4	45.9	40.3
Dubai, UAE	2965	72.7	1.8	3.0	5.0	3.9	72.7	4.1	6.2	3.3	72.6	72.8

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 E11M17C: How curiosity explores like a person - 2 Points

COUNTRY	N	0 %	1 %	2 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	24.5	24.0	36.7	10.5	4.2	60.7	36.7	34.6	38.9
Chinese Taipei	1719	43.4	15.0	22.8	16.8	2.1	37.8	22.8	23.6	22.1
Denmark	1002	28.2	21.6	38.2	7.8	4.2	59.8	38.2	37.3	39.1
Georgia	2198	30.6	14.4	13.1	19.4	22.5	27.5	13.1	11.1	14.8
Ireland	980	19.9	26.8	46.4	5.3	1.6	73.2	46.4	45.3	47.4
Israel	1511	31.3	22.3	25.8	12.6	8.0	48.1	25.8	24.3	27.4
Italy	1509	29.3	16.8	31.4	16.6	5.8	48.2	31.4	30.1	32.8
Norway (5)	1432	20.4	19.1	49.4	8.9	2.2	68.5	49.4	51.3	47.4
Portugal	1826	37.0	23.2	18.8	15.4	5.5	42.0	18.8	18.1	19.5
Singapore	2530	36.3	24.3	34.9	4.2	0.3	59.3	34.9	35.2	34.7
Slovenia	1710	37.0	18.0	29.9	11.7	3.4	47.9	29.9	28.7	31.1
Sweden	1539	24.4	22.5	40.8	9.6	2.7	63.4	40.8	41.1	40.6
United Arab Emirates	6152	45.9	15.3	16.6	11.8	10.4	31.9	16.6	16.4	16.9
United States	1642	24.0	23.9	45.8	3.8	2.5	69.7	45.8	44.3	47.3
International Avg. (14)	29299	30.9	20.5	32.2	11.0	5.4	52.7	32.2	31.5	32.9
Abu Dhabi, UAE	1557	49.7	11.8	13.0	13.9	11.6	24.8	13.0	14.8	11.4
Dubai, UAE	2965	36.4	20.4	29.3	8.8	5.1	49.7	29.3	27.2	31.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Make Straightforward Inferences
E11M18C: Surface of Mars different - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	38.0	48.5	7.2	6.3	48.5	50.7	46.3
Chinese Taipei	1719	44.8	33.8	17.7	3.7	33.8	36.6	31.3
Denmark	1002	28.5	57.6	7.6	6.3	57.6	57.8	57.4
Georgia	2198	27.2	26.2	20.3	26.3	26.2	24.3	27.8
Ireland	980	59.5	32.1	5.6	2.7	32.1	34.4	29.8
Israel	1511	40.8	36.9	10.3	12.0	36.9	39.0	34.6
Italy	1509	38.2	41.7	11.7	8.4	41.7	41.3	42.2
Norway (5)	1432	25.2	64.8	6.5	3.5	64.8	65.9	63.6
Portugal	1826	48.4	31.1	11.6	8.9	31.1	31.4	30.7
Singapore	2530	41.3	54.5	3.7	0.5	54.5	57.3	51.7
Slovenia	1710	44.4	41.1	9.5	5.0	41.1	43.4	38.9
Sweden	1539	32.1	57.0	7.1	3.8	57.0	58.4	55.8
United Arab Emirates	6152	51.4	24.5	10.2	13.9	24.5	27.2	21.9
United States	1642	51.3	42.1	3.0	3.6	42.1	43.1	41.1
International Avg. (14)	29299	40.8	42.3	9.4	7.5	42.3	43.6	40.9
Abu Dhabi, UAE	1557	53.7	20.5	11.4	14.4	20.5	25.5	16.2
Dubai, UAE	2965	48.3	35.8	8.3	7.6	35.8	39.3	32.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 E11M19M: Why article titled Gift of Curiosity - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	42.5	22.2	20.5	42.5	5.3	0.7	8.8	40.6	44.3
Chinese Taipei	1719	39.3	20.0	21.8	39.3	13.5	0.4	5.1	38.5	40.0
Denmark	1002	53.5	21.9	7.9	53.5	7.4	1.2	8.1	49.8	57.0
Georgia	2198	25.1	21.9	14.5	25.1	4.8	1.5	32.1	23.4	26.6
Ireland	980	52.7	20.6	15.7	52.7	6.0	1.0	4.0	53.4	52.0
Israel	1511	35.1	19.7	24.5	35.1	3.8	1.2	15.7	32.9	37.4
Italy	1509	44.1	27.4	10.5	44.1	5.2	2.1	10.8	41.2	46.9
Norway (5)	1432	60.7	19.7	8.1	60.7	6.5	0.5	4.4	63.2	58.2
Portugal	1826	38.9	24.2	16.2	38.9	8.0	0.9	11.7	37.9	40.0
Singapore	2530	54.5	16.3	22.9	54.5	5.0	0.4	0.9	53.2	55.6
Slovenia	1710	44.8	28.5	12.7	44.8	6.9	0.7	6.4	44.0	45.6
Sweden	1539	68.9	14.9	6.5	68.9	4.0	0.9	4.8	66.6	71.0
United Arab Emirates	6152	31.5	22.1	21.6	31.5	6.6	1.2	17.0	29.7	33.2
United States	1642	39.3	23.4	26.0	39.3	6.3	0.6	4.5	39.5	39.0
International Avg. (14)	29299	45.1	21.6	16.4	45.1	6.4	1.0	9.6	43.9	46.2
Abu Dhabi, UAE	1557	28.4	22.1	22.0	28.4	8.2	1.8	17.5	26.5	30.1
Dubai, UAE	2965	41.7	19.3	21.9	41.7	6.6	1.0	9.5	40.6	42.8

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Mars: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
E11M20C: Writer in favor of exploring - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	37.2	41.8	11.6	9.4	41.8	44.9	38.6
Chinese Taipei	1719	66.6	7.2	20.8	5.5	7.2	6.5	7.8
Denmark	1002	54.2	18.9	17.6	9.2	18.9	22.2	15.7
Georgia	2198	39.4	7.7	19.7	33.2	7.7	8.9	6.7
Ireland	980	37.0	47.7	10.8	4.5	47.7	49.5	45.9
Israel	1511	50.5	21.2	11.9	16.4	21.2	23.6	18.6
Italy	1509	60.2	10.4	17.0	12.4	10.4	11.0	9.8
Norway (5)	1432	37.5	46.6	11.1	4.9	46.6	44.3	49.0
Portugal	1826	54.3	18.3	14.9	12.5	18.3	18.6	18.0
Singapore	2530	73.3	19.4	6.2	1.1	19.4	21.0	17.9
Slovenia	1710	53.6	27.4	12.0	7.0	27.4	33.2	21.7
Sweden	1539	61.0	20.5	13.1	5.4	20.5	24.0	17.2
United Arab Emirates	6152	58.3	12.6	11.5	17.5	12.6	13.2	12.0
United States	1642	45.3	44.5	5.2	4.9	44.5	44.8	44.3
International Avg. (14)	29299	52.0	24.6	13.1	10.3	24.6	26.1	23.1
Abu Dhabi, UAE	1557	60.7	9.2	12.0	18.1	9.2	11.1	7.5
Dubai, UAE	2965	53.7	25.3	10.8	10.2	25.3	26.1	24.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Make Straightforward Inferences
E11R01M: Which website gives rainforest information - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	74.9	15.1	7.1	74.9	2.7	0.2	74.8	74.9
Chinese Taipei	1724	35.1	32.7	23.8	35.1	7.9	0.4	39.7	30.9
Denmark	991	85.1	9.3	2.9	85.1	2.7	0.0	87.7	82.6
Georgia	2199	55.4	20.5	18.3	55.4	3.7	2.1	59.8	51.1
Ireland	1009	82.3	11.1	5.0	82.3	1.5	0.1	86.5	78.0
Israel	1521	75.3	10.3	11.7	75.3	2.3	0.5	80.5	70.1
Italy	1497	71.2	11.3	14.7	71.2	2.2	0.6	75.5	67.3
Norway (5)	1423	88.0	7.0	3.0	88.0	1.8	0.2	91.7	84.2
Portugal	1823	70.8	15.1	10.6	70.8	2.8	0.7	71.9	69.8
Singapore	2519	84.2	9.3	4.0	84.2	2.3	0.2	87.5	80.8
Slovenia	1705	75.0	11.5	11.3	75.0	1.6	0.6	79.0	71.2
Sweden	1536	87.1	8.2	3.7	87.1	0.8	0.1	89.6	84.8
United Arab Emirates	6168	58.7	22.7	12.4	58.7	4.6	1.6	64.3	53.2
United States	1620	81.5	12.3	4.1	81.5	1.8	0.4	82.0	81.0
International Avg. (14)	29284	73.2	14.0	9.5	73.2	2.8	0.5	76.5	70.0
Abu Dhabi, UAE	1547	51.4	26.2	14.1	51.4	5.5	2.8	54.2	48.7
Dubai, UAE	2998	69.1	17.5	8.9	69.1	3.6	0.9	74.9	63.7

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11R02C: What is an ecosystem - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	19.9	79.1	1.0	79.1	80.7	77.5
Chinese Taipei	1724	32.9	65.8	1.3	65.8	72.2	60.1
Denmark	991	20.3	79.0	0.7	79.0	82.2	76.0
Georgia	2199	24.5	69.9	5.6	69.9	75.0	65.0
Ireland	1009	19.0	80.4	0.6	80.4	83.9	76.9
Israel	1521	12.0	86.7	1.3	86.7	91.6	81.9
Italy	1497	17.0	81.9	1.1	81.9	85.8	78.2
Norway (5)	1423	11.7	87.6	0.7	87.6	91.3	83.7
Portugal	1823	16.9	82.4	0.7	82.4	85.2	79.7
Singapore	2519	10.8	88.9	0.3	88.9	91.8	85.8
Slovenia	1705	13.6	86.1	0.2	86.1	90.3	82.1
Sweden	1536	25.9	73.2	0.9	73.2	77.2	69.4
United Arab Emirates	6168	21.6	75.7	2.7	75.7	80.9	70.7
United States	1620	21.6	78.3	0.0	78.3	81.4	75.1
International Avg. (14)	29284	19.1	79.6	1.2	79.6	83.5	75.9
Abu Dhabi, UAE	1547	29.0	66.6	4.4	66.6	72.5	61.2
Dubai, UAE	2998	14.5	84.3	1.2	84.3	88.0	80.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11R03C: Match ecosystem needs (DERIVED) - 2 Points

COUNTRY	N	0 %	1 %	2 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	20.0	34.3	44.6	1.1	0.0	78.9	44.6	46.1	43.1
Chinese Taipei	1724	16.5	36.8	46.5	0.2	0.0	83.3	46.5	46.8	46.2
Denmark	991	29.4	36.6	31.3	2.6	0.0	67.9	31.3	29.6	32.9
Georgia	2199	47.2	28.4	15.4	9.1	0.0	43.7	15.4	16.2	14.5
Ireland	1009	23.4	39.7	36.0	0.9	0.0	75.7	36.0	38.1	33.9
Israel	1521	24.5	39.4	34.2	1.8	0.1	73.7	34.2	34.3	34.1
Italy	1497	31.3	40.8	24.6	3.3	0.0	65.4	24.6	25.5	23.8
Norway (5)	1423	26.0	37.3	35.5	1.0	0.2	72.8	35.5	33.4	37.7
Portugal	1823	27.1	38.4	32.0	2.5	0.0	70.5	32.0	32.1	32.0
Singapore	2519	20.0	38.6	41.0	0.4	0.0	79.6	41.0	42.7	39.2
Slovenia	1705	33.6	41.0	22.9	2.5	0.0	63.9	22.9	23.0	22.8
Sweden	1536	21.4	36.7	39.5	2.5	0.0	76.1	39.5	42.0	37.1
United Arab Emirates	6168	40.4	30.0	24.1	5.4	0.1	54.1	24.1	25.5	22.8
United States	1620	18.1	38.4	42.8	0.7	0.0	81.2	42.8	43.1	42.4
International Avg. (14)	29284	27.1	36.9	33.6	2.4	0.0	70.5	33.6	34.2	33.0
Abu Dhabi, UAE	1547	49.4	24.9	19.9	5.9	0.1	44.7	19.9	22.0	17.9
Dubai, UAE	2998	27.8	36.9	32.4	2.9	0.0	69.3	32.4	32.7	32.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Interpret and Integrate Ideas and Information
 EllR03MA: Match ecosystem needs (air) - 1 Point - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	E %	F %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	71.5	18.4	3.0	1.3	71.5	2.4	1.2	2.2	0.0	73.3	69.6
Chinese Taipei	1724	60.7	27.4	6.0	1.8	60.7	2.2	0.6	1.2	0.0	60.1	61.2
Denmark	991	53.9	29.5	3.1	2.1	53.9	4.6	3.3	3.6	0.0	50.3	57.2
Georgia	2199	46.7	19.1	5.5	7.8	46.7	2.6	2.5	15.8	0.0	47.4	46.1
Ireland	1009	71.3	18.2	2.4	1.9	71.3	2.4	1.4	2.4	0.0	71.4	71.2
Israel	1521	56.7	27.6	4.4	2.4	56.7	4.2	1.4	3.2	0.1	54.3	59.1
Italy	1497	59.5	19.9	4.0	3.5	59.5	5.6	2.1	5.3	0.0	61.6	57.6
Norway (5)	1423	60.3	29.5	2.6	2.2	60.3	2.1	1.6	1.5	0.2	58.0	62.8
Portugal	1823	64.7	19.6	4.4	2.2	64.7	3.1	2.0	4.0	0.0	64.3	65.0
Singapore	2519	70.0	23.7	2.3	1.6	70.0	0.9	1.0	0.5	0.0	69.3	70.8
Slovenia	1705	55.7	31.0	2.4	4.6	55.7	0.7	1.5	4.1	0.0	53.5	57.7
Sweden	1536	61.2	26.4	3.2	2.8	61.2	2.0	0.8	3.5	0.0	61.7	60.8
United Arab Emirates	6168	55.3	15.1	5.2	6.0	55.3	5.2	2.9	10.3	0.1	57.7	53.0
United States	1620	73.8	17.4	2.0	1.8	73.8	1.6	1.3	2.0	0.0	72.9	74.8
International Avg. (14)	29284	61.5	23.1	3.6	3.0	61.5	2.8	1.7	4.3	0.0	61.1	61.9
Abu Dhabi, UAE	1547	46.7	16.6	6.8	8.2	46.7	6.3	3.7	11.5	0.1	48.0	45.5
Dubai, UAE	2998	65.5	17.3	3.1	2.7	65.5	3.9	1.8	5.7	0.0	68.0	63.3

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Interpret and Integrate Ideas and Information
 EllR03MB: Match ecosystem needs (food) - 1 Point - Key: F

COUNTRY	N	DIFF %	A %	B %	C %	D %	E %	F %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	87.5	3.7	2.3	1.2	1.6	0.9	87.5	2.9	0.0	89.2	85.8
Chinese Taipei	1724	92.4	1.2	1.3	1.7	0.9	0.8	92.4	1.7	0.0	93.3	91.6
Denmark	991	80.6	4.1	4.8	2.7	2.2	1.3	80.6	4.2	0.0	82.5	78.9
Georgia	2199	58.4	4.6	4.6	5.1	4.5	1.8	58.4	21.0	0.0	58.7	58.1
Ireland	1009	87.4	2.6	2.3	2.3	0.9	1.2	87.4	3.3	0.0	88.5	86.2
Israel	1521	83.7	4.0	3.0	2.6	1.6	1.1	83.7	3.8	0.1	85.6	81.9
Italy	1497	82.3	3.6	2.2	2.8	2.0	1.1	82.3	6.0	0.0	84.2	80.6
Norway (5)	1423	86.3	2.9	3.0	2.0	1.9	0.8	86.3	2.9	0.2	86.0	86.7
Portugal	1823	83.6	3.8	1.6	2.6	2.6	1.1	83.6	4.8	0.0	83.6	83.5
Singapore	2519	89.7	3.0	3.1	0.8	1.2	1.3	89.7	1.0	0.0	91.9	87.4
Slovenia	1705	78.9	4.3	5.3	2.8	2.4	0.9	78.9	5.5	0.0	81.7	76.1
Sweden	1536	86.6	1.6	2.0	2.6	1.9	0.8	86.6	4.5	0.0	87.7	85.6
United Arab Emirates	6168	68.1	6.6	4.4	4.5	3.1	1.6	68.1	11.7	0.1	72.2	64.1
United States	1620	89.1	2.2	1.8	1.8	1.4	0.8	89.1	3.0	0.0	90.8	87.4
International Avg. (14)	29284	82.5	3.4	3.0	2.5	2.0	1.1	82.5	5.4	0.0	84.0	81.0
Abu Dhabi, UAE	1547	59.6	8.3	6.4	5.9	3.7	2.6	59.6	13.5	0.1	65.8	53.9
Dubai, UAE	2998	81.2	4.1	2.1	3.1	2.2	1.0	81.2	6.4	0.0	81.6	80.8

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Interpret and Integrate Ideas and Information
 EllR03MC: Match ecosystem needs (water) - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	E %	F %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	82.8	3.7	2.6	82.8	2.0	3.9	1.8	3.3	0.0	84.4	81.2
Chinese Taipei	1724	89.9	1.9	1.8	89.9	1.7	1.5	1.2	1.9	0.0	89.4	90.3
Denmark	991	85.7	1.9	3.0	85.7	1.0	1.7	2.8	3.9	0.0	85.8	85.6
Georgia	2199	59.4	4.2	4.3	59.4	4.2	2.5	1.9	23.4	0.0	59.9	58.9
Ireland	1009	83.9	2.6	2.9	83.9	2.2	3.2	2.2	3.0	0.0	85.9	81.8
Israel	1521	86.1	1.8	2.4	86.1	2.5	1.6	1.3	4.1	0.1	87.3	85.0
Italy	1497	81.9	2.9	2.9	81.9	1.8	1.3	2.1	7.1	0.0	82.5	81.3
Norway (5)	1423	86.9	2.4	2.8	86.9	1.8	1.3	2.2	2.3	0.2	86.5	87.4
Portugal	1823	83.2	3.2	2.9	83.2	1.8	1.7	2.1	5.1	0.0	82.4	84.1
Singapore	2519	87.3	2.3	2.7	87.3	1.2	3.2	2.0	1.4	0.0	87.3	87.2
Slovenia	1705	83.5	4.3	1.2	83.5	2.8	1.8	1.9	4.6	0.0	85.5	81.5
Sweden	1536	86.4	2.0	2.3	86.4	2.0	1.4	1.6	4.3	0.0	88.6	84.3
United Arab Emirates	6168	64.7	6.4	4.4	64.7	3.3	4.6	3.8	12.8	0.1	68.3	61.2
United States	1620	84.6	2.3	2.7	84.6	1.9	3.5	2.1	2.9	0.0	84.9	84.4
International Avg. (14)	29284	81.9	3.0	2.8	81.9	2.2	2.4	2.1	5.7	0.0	82.8	81.0
Abu Dhabi, UAE	1547	56.2	8.1	5.5	56.2	3.9	5.7	5.4	15.2	0.1	59.1	53.6
Dubai, UAE	2998	78.3	4.6	3.2	78.3	1.5	3.5	2.3	6.6	0.0	80.0	76.7

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11R03MD: Match ecosystem needs (sunlight) - 1 Point - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	E %	F %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	65.2	2.5	65.2	1.5	2.0	23.6	1.5	3.7	0.0	68.8	61.5
Chinese Taipei	1724	78.2	1.8	78.2	1.1	1.6	15.1	0.8	1.4	0.0	80.0	76.6
Denmark	991	56.1	3.9	56.1	1.3	2.0	27.9	3.5	5.3	0.0	58.6	53.7
Georgia	2199	29.9	3.8	29.9	2.9	2.4	35.1	2.2	23.7	0.0	32.6	27.2
Ireland	1009	51.5	3.3	51.5	2.7	1.3	35.1	3.1	3.0	0.0	55.3	47.6
Israel	1521	60.9	2.9	60.9	1.8	1.5	24.9	3.4	4.5	0.1	62.2	59.7
Italy	1497	42.3	4.2	42.3	0.7	2.0	42.1	1.9	6.8	0.0	43.3	41.4
Norway (5)	1423	58.2	4.6	58.2	1.3	1.8	28.9	1.6	3.2	0.2	57.9	58.6
Portugal	1823	50.6	2.7	50.6	1.3	2.0	36.0	1.7	5.6	0.0	51.1	50.2
Singapore	2519	63.3	3.8	63.3	1.2	1.3	27.3	2.3	0.9	0.0	66.3	60.3
Slovenia	1705	43.6	6.4	43.6	1.9	2.7	35.6	2.2	7.6	0.0	46.5	40.8
Sweden	1536	63.5	1.7	63.5	1.1	1.2	25.9	1.8	4.8	0.0	65.7	61.5
United Arab Emirates	6168	41.0	4.9	41.0	3.6	4.1	30.0	3.3	13.0	0.1	42.9	39.2
United States	1620	62.0	4.0	62.0	1.8	1.4	27.1	1.3	2.4	0.0	64.3	59.5
International Avg. (14)	29284	54.7	3.6	54.7	1.7	2.0	29.6	2.2	6.1	0.0	56.8	52.7
Abu Dhabi, UAE	1547	37.4	6.3	37.4	5.2	5.5	25.6	4.8	15.3	0.1	40.4	34.6
Dubai, UAE	2998	50.9	3.2	50.9	2.3	2.8	32.2	2.0	6.6	0.0	51.3	50.6

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 E11R04M: Why good heading - 1 Point - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	43.9	29.5	43.9	14.9	10.8	0.8	0.0	44.6	43.3
Chinese Taipei	1724	34.2	29.5	34.2	20.3	16.0	0.1	0.0	33.6	34.6
Denmark	991	42.6	25.6	42.6	15.1	14.9	1.8	0.0	40.6	44.5
Georgia	2199	21.9	30.1	21.9	30.0	15.2	2.6	0.1	21.7	22.1
Ireland	1009	54.3	18.5	54.3	12.9	14.1	0.2	0.0	57.2	51.3
Israel	1521	49.8	23.5	49.8	15.6	9.9	1.2	0.1	50.1	49.4
Italy	1497	40.2	24.0	40.2	19.6	14.2	2.1	0.0	41.2	39.2
Norway (5)	1423	33.0	23.0	33.0	15.3	27.9	0.6	0.2	32.5	33.5
Portugal	1823	37.3	23.6	37.3	26.1	12.2	0.7	0.1	38.7	36.0
Singapore	2519	59.3	17.7	59.3	16.5	6.0	0.4	0.0	62.6	56.0
Slovenia	1705	33.9	28.6	33.9	26.0	10.4	1.0	0.0	36.4	31.5
Sweden	1536	30.4	37.1	30.4	13.5	17.9	1.0	0.0	30.3	30.5
United Arab Emirates	6168	34.9	30.0	34.9	22.7	10.3	2.1	0.1	36.5	33.3
United States	1620	60.3	21.6	60.3	10.8	6.7	0.5	0.1	61.9	58.7
International Avg. (14)	29284	41.1	25.9	41.1	18.5	13.3	1.1	0.0	42.0	40.3
Abu Dhabi, UAE	1547	32.8	32.3	32.8	23.3	9.5	2.0	0.1	32.6	33.0
Dubai, UAE	2998	43.7	27.5	43.7	17.4	10.5	0.9	0.1	45.6	41.9

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 E11R05C: One thing map helps you understand - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	30.3	67.0	2.6	0.0	67.0	67.4	66.6
Chinese Taipei	1724	35.5	62.4	2.1	0.0	62.4	65.0	60.0
Denmark	991	17.8	80.4	1.8	0.0	80.4	79.5	81.3
Georgia	2199	58.9	28.2	12.8	0.1	28.2	29.6	26.9
Ireland	1009	28.9	69.5	1.6	0.0	69.5	68.2	70.8
Israel	1521	36.7	59.6	3.6	0.1	59.6	64.1	55.3
Italy	1497	27.6	68.9	3.4	0.2	68.9	67.4	70.2
Norway (5)	1423	17.9	78.7	3.2	0.2	78.7	79.7	77.6
Portugal	1823	30.1	67.4	2.4	0.1	67.4	64.6	70.2
Singapore	2519	20.9	78.2	0.8	0.0	78.2	80.3	76.1
Slovenia	1705	45.4	49.0	5.6	0.0	49.0	48.3	49.5
Sweden	1536	30.5	65.7	3.8	0.1	65.7	65.1	66.2
United Arab Emirates	6168	55.3	40.7	3.9	0.1	40.7	42.1	39.4
United States	1620	19.7	79.4	0.8	0.1	79.4	78.2	80.5
International Avg. (14)	29284	32.5	63.9	3.5	0.1	63.9	64.2	63.6
Abu Dhabi, UAE	1547	60.7	34.1	5.1	0.1	34.1	34.6	33.7
Dubai, UAE	2998	41.4	56.7	1.9	0.1	56.7	56.9	56.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
E11R06C: Which rainforest the oldest - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	21.7	76.9	1.3	0.1	76.9	78.8	75.0
Chinese Taipei	1724	18.4	80.8	0.8	0.0	80.8	84.0	78.0
Denmark	991	16.2	83.1	0.7	0.0	83.1	83.4	82.9
Georgia
Ireland	1009	20.2	79.3	0.5	0.0	79.3	79.4	79.3
Israel	1521	20.9	77.6	1.4	0.1	77.6	80.2	75.0
Italy	1497	21.7	76.9	1.3	0.2	76.9	79.7	74.2
Norway (5)	1423	20.1	79.1	0.5	0.2	79.1	80.5	77.7
Portugal	1823	16.0	82.5	1.4	0.1	82.5	84.4	80.7
Singapore	2519	18.1	81.7	0.2	0.0	81.7	84.2	79.1
Slovenia	1705	28.7	69.8	1.3	0.3	69.8	73.1	66.6
Sweden	1536	21.2	77.6	1.1	0.1	77.6	80.1	75.2
United Arab Emirates	6168	38.0	59.2	2.6	0.2	59.2	63.2	55.4
United States	1620	21.8	77.3	0.8	0.1	77.3	77.5	77.0
International Avg. (13)	27085	21.8	77.1	1.1	0.1	77.1	79.1	75.1
Abu Dhabi, UAE	1547	48.3	47.7	3.8	0.3	47.7	47.9	47.5
Dubai, UAE	2998	25.7	72.9	1.3	0.1	72.9	75.9	70.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Interpret and Integrate Ideas and Information
 EllR07C: Match rainforest layers (DERIVED) - 2 Points

COUNTRY	N	0 %	1 %	2 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	39.5	23.4	33.9	3.1	0.1	57.3	33.9	34.1	33.7
Chinese Taipei	1724	23.0	27.2	49.7	0.2	0.0	76.8	49.7	50.0	49.4
Denmark	991	25.4	20.9	49.0	4.7	0.0	69.8	49.0	44.3	53.3
Georgia	2199	65.0	12.9	8.3	13.5	0.3	21.2	8.3	7.2	9.4
Ireland	1009	31.6	25.5	40.8	2.1	0.0	66.3	40.8	42.9	38.6
Israel	1521	44.6	22.3	28.7	4.3	0.1	51.0	28.7	28.5	28.8
Italy	1497	43.2	26.3	26.3	4.0	0.2	52.6	26.3	24.0	28.4
Norway (5)	1423	32.0	20.8	44.0	3.0	0.2	64.8	44.0	46.6	41.1
Portugal	1823	39.3	24.6	33.0	3.0	0.1	57.6	33.0	34.2	31.8
Singapore	2519	25.2	25.0	49.1	0.7	0.0	74.1	49.1	50.9	47.3
Slovenia	1705	43.9	22.0	30.9	3.0	0.3	52.9	30.9	33.1	28.9
Sweden	1536	27.1	22.2	47.8	2.7	0.2	70.0	47.8	49.9	45.8
United Arab Emirates	6168	60.6	17.5	16.8	4.9	0.2	34.3	16.8	17.1	16.5
United States	1620	39.8	22.4	35.3	2.4	0.1	57.7	35.3	35.2	35.5
International Avg. (14)	29284	38.6	22.3	35.3	3.7	0.1	57.6	35.3	35.6	34.9
Abu Dhabi, UAE	1547	68.8	14.0	11.3	5.5	0.4	25.3	11.3	11.6	10.9
Dubai, UAE	2998	44.1	23.0	30.3	2.4	0.2	53.3	30.3	31.5	29.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Interpret and Integrate Ideas and Information
 EllR07MA: Match rainforest layers (emergent) - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	E %	F %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	69.0	3.4	2.6	69.0	5.2	10.7	4.9	4.1	0.1	71.1	66.9
Chinese Taipei	1724	72.6	2.3	1.8	72.6	1.3	9.3	12.3	0.6	0.0	72.5	72.6
Denmark	991	77.3	2.5	1.4	77.3	3.6	5.5	4.5	5.2	0.0	77.5	77.1
Georgia	2199	40.6	8.7	5.4	40.6	6.0	14.7	6.0	18.3	0.3	41.5	39.7
Ireland	1009	76.4	2.5	1.6	76.4	4.8	9.2	2.4	3.1	0.0	80.0	72.6
Israel	1521	66.8	4.1	2.4	66.8	4.8	12.7	3.9	5.3	0.1	69.0	64.6
Italy	1497	66.6	3.6	2.3	66.6	4.1	13.9	4.3	5.1	0.2	68.2	65.0
Norway (5)	1423	79.6	2.0	1.3	79.6	3.4	6.5	3.1	3.9	0.2	80.8	78.4
Portugal	1823	67.1	3.3	3.4	67.1	3.6	13.2	5.3	3.9	0.1	68.7	65.5
Singapore	2519	80.2	3.0	2.1	80.2	4.3	6.3	3.1	1.0	0.0	83.1	77.2
Slovenia	1705	66.4	6.7	2.9	66.4	3.9	11.8	4.0	4.2	0.3	70.9	62.1
Sweden	1536	78.1	1.3	1.0	78.1	2.7	6.6	6.1	4.0	0.2	80.0	76.3
United Arab Emirates	6168	50.8	8.5	5.7	50.8	7.5	11.0	7.9	8.5	0.2	52.5	49.1
United States	1620	69.7	3.4	2.2	69.7	8.9	8.6	3.6	3.5	0.1	71.5	67.7
International Avg. (14)	29284	68.7	3.9	2.6	68.7	4.6	10.0	5.1	5.0	0.1	70.5	66.8
Abu Dhabi, UAE	1547	43.2	12.8	7.9	43.2	8.4	9.6	8.6	9.2	0.4	44.7	41.8
Dubai, UAE	2998	67.5	4.1	3.3	67.5	5.3	10.3	4.9	4.3	0.2	69.7	65.5

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Interpret and Integrate Ideas and Information
 EllR07MB: Match rainforest layers (canopy) - 1 Point - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	E %	F %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	65.1	5.7	5.0	5.2	65.1	10.8	2.1	6.0	0.1	65.5	64.8
Chinese Taipei	1724	76.7	3.5	1.8	5.6	76.7	9.6	1.8	1.0	0.0	78.8	74.8
Denmark	991	72.9	3.3	2.3	3.7	72.9	9.5	1.3	6.9	0.0	69.0	76.6
Georgia	2199	34.7	6.8	6.4	6.7	34.7	13.1	4.2	27.6	0.3	34.7	34.8
Ireland	1009	73.1	4.2	1.7	4.7	73.1	10.5	1.7	4.1	0.0	74.8	71.4
Israel	1521	59.4	5.1	5.6	5.1	59.4	11.1	4.8	8.8	0.1	62.3	56.5
Italy	1497	69.9	4.6	3.2	3.7	69.9	7.3	2.5	8.6	0.2	69.8	70.0
Norway (5)	1423	69.7	4.8	2.9	3.6	69.7	9.8	2.5	6.5	0.2	72.1	67.2
Portugal	1823	69.6	4.6	4.0	5.5	69.6	7.9	2.2	5.9	0.1	69.7	69.6
Singapore	2519	71.1	5.6	3.2	4.2	71.1	12.9	1.8	1.2	0.0	74.0	68.1
Slovenia	1705	63.7	5.3	4.7	5.5	63.7	11.1	2.1	7.4	0.3	67.9	59.6
Sweden	1536	79.3	1.9	2.4	2.8	79.3	5.8	1.3	6.4	0.2	79.1	79.4
United Arab Emirates	6168	46.1	7.6	7.1	9.7	46.1	12.8	4.6	11.9	0.2	48.4	43.9
United States	1620	65.3	5.3	4.2	5.6	65.3	12.3	2.4	4.8	0.1	65.8	64.8
International Avg. (14)	29284	65.5	4.9	3.9	5.1	65.5	10.3	2.5	7.7	0.1	66.6	64.4
Abu Dhabi, UAE	1547	37.2	8.4	9.8	11.1	37.2	14.0	5.4	13.7	0.4	38.3	36.1
Dubai, UAE	2998	63.4	6.1	4.4	6.2	63.4	11.5	2.8	5.5	0.2	66.7	60.4

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Interpret and Integrate Ideas and Information
 EllR07MC: Match rainforest layers (understory) - 1 Point - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	E %	F %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	60.5	60.5	3.7	5.7	2.6	17.1	3.4	7.0	0.1	62.0	59.0
Chinese Taipei	1724	79.8	79.8	1.9	2.5	1.6	11.2	1.5	1.5	0.0	80.7	79.0
Denmark	991	69.8	69.8	3.0	3.3	1.9	10.8	2.3	8.8	0.0	66.0	73.4
Georgia	2199	29.5	29.5	6.1	6.9	5.9	11.4	5.1	34.9	0.3	27.7	31.1
Ireland	1009	71.4	71.4	3.7	2.8	2.7	11.5	3.1	4.8	0.0	75.5	67.2
Israel	1521	51.9	51.9	6.5	7.7	4.7	14.8	4.3	10.0	0.1	51.9	52.0
Italy	1497	49.8	49.8	2.8	11.0	2.9	17.6	4.8	11.0	0.2	47.4	51.9
Norway (5)	1423	66.7	66.7	3.1	2.9	3.8	12.0	3.7	7.6	0.2	68.9	64.4
Portugal	1823	53.6	53.6	2.9	7.8	4.5	15.1	8.4	7.6	0.1	56.5	50.7
Singapore	2519	72.6	72.6	2.7	3.5	2.6	14.3	2.9	1.5	0.0	73.1	72.1
Slovenia	1705	55.7	55.7	5.2	7.1	4.0	14.4	3.8	9.5	0.3	59.3	52.2
Sweden	1536	70.1	70.1	2.5	3.5	2.1	10.9	3.3	7.5	0.2	72.5	67.7
United Arab Emirates	6168	42.1	42.1	6.1	11.0	6.3	15.4	3.9	15.0	0.2	45.2	39.1
United States	1620	62.5	62.5	4.3	6.6	3.4	14.8	3.1	5.2	0.1	62.1	62.9
International Avg. (14)	29284	59.7	59.7	3.9	5.9	3.5	13.7	3.8	9.4	0.1	60.6	58.8
Abu Dhabi, UAE	1547	33.9	33.9	7.9	12.1	8.1	14.9	5.3	17.4	0.4	37.4	30.7
Dubai, UAE	2998	57.2	57.2	3.8	7.3	3.7	17.3	2.6	7.9	0.2	59.2	55.3

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Interpret and Integrate Ideas and Information
E11R07MD: Match rainforest layers (forest floor) - 1 Point - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	E %	F %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	59.0	2.9	59.0	1.8	4.8	5.1	17.8	8.7	0.1	58.9	59.1
Chinese Taipei	1724	82.1	2.5	82.1	1.9	2.1	2.0	8.4	1.1	0.0	81.8	82.3
Denmark	991	69.5	3.2	69.5	0.7	2.0	2.6	11.6	10.4	0.0	68.7	70.3
Georgia	2199	27.0	3.9	27.0	3.3	5.0	4.8	20.4	35.3	0.3	28.6	25.6
Ireland	1009	59.8	2.6	59.8	1.5	1.8	4.1	26.3	3.9	0.0	59.5	60.0
Israel	1521	52.5	4.8	52.5	2.4	2.5	5.5	21.6	10.7	0.1	53.7	51.4
Italy	1497	50.5	2.8	50.5	2.1	2.8	4.4	24.3	13.1	0.2	49.0	51.9
Norway (5)	1423	62.4	3.7	62.4	1.1	3.2	4.4	16.9	8.1	0.2	64.4	60.2
Portugal	1823	61.5	3.6	61.5	2.8	3.7	5.3	14.7	8.3	0.1	63.2	59.8
Singapore	2519	76.9	2.1	76.9	1.5	2.1	2.8	13.2	1.4	0.0	79.7	74.1
Slovenia	1705	54.8	6.5	54.8	1.8	3.7	2.5	19.5	10.9	0.3	58.0	51.7
Sweden	1536	67.6	3.5	67.6	1.2	0.9	2.5	14.4	9.7	0.2	69.9	65.5
United Arab Emirates	6168	36.9	4.2	36.9	5.4	6.4	6.4	25.2	15.2	0.2	38.6	35.3
United States	1620	58.9	5.0	58.9	2.3	2.5	5.1	20.5	5.6	0.1	58.6	59.2
International Avg. (14)	29284	58.5	3.7	58.5	2.1	3.1	4.1	18.2	10.2	0.1	59.5	57.6
Abu Dhabi, UAE	1547	29.9	4.6	29.9	6.9	8.9	8.3	23.3	17.7	0.4	32.1	27.8
Dubai, UAE	2998	52.5	3.5	52.5	2.9	3.7	4.1	25.3	7.8	0.2	52.6	52.5

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 EllR08C: Why picture separated into parts - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	54.2	38.3	7.4	0.1	38.3	38.7	38.0
Chinese Taipei	1724	51.4	44.3	4.2	0.0	44.3	45.6	43.2
Denmark	991	53.7	40.7	5.6	0.0	40.7	41.9	39.6
Georgia	2199	51.7	27.7	19.9	0.8	27.7	29.2	26.3
Ireland	1009	52.5	42.8	4.6	0.0	42.8	43.8	41.8
Israel	1521	49.4	44.1	6.3	0.2	44.1	47.4	40.9
Italy	1497	54.6	36.7	8.4	0.3	36.7	37.2	36.2
Norway (5)	1423	43.4	51.9	4.4	0.3	51.9	55.6	47.8
Portugal	1823	51.9	42.1	5.8	0.2	42.1	41.2	43.0
Singapore	2519	51.3	47.0	1.6	0.0	47.0	51.3	42.6
Slovenia	1705	54.6	37.4	7.8	0.3	37.4	41.0	33.9
Sweden	1536	52.0	40.5	7.2	0.3	40.5	41.1	40.0
United Arab Emirates	6168	65.0	27.3	7.3	0.4	27.3	28.9	25.7
United States	1620	55.0	42.5	2.3	0.2	42.5	40.0	45.1
International Avg. (14)	29284	52.9	40.2	6.6	0.2	40.2	41.6	38.9
Abu Dhabi, UAE	1547	71.2	19.2	9.0	0.5	19.2	20.7	17.9
Dubai, UAE	2998	54.7	40.0	5.0	0.3	40.0	40.6	39.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Interpret and Integrate Ideas and Information
E11R09C: Why live in canopy - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	36.7	60.7	2.5	0.1	60.7	64.9	56.4
Chinese Taipei	1724	39.9	57.7	2.4	0.0	57.7	57.4	57.9
Denmark	991	40.2	57.1	2.6	0.1	57.1	61.8	52.8
Georgia	2199	52.3	37.9	9.0	0.8	37.9	40.9	35.1
Ireland	1009	40.1	58.9	1.0	0.0	58.9	63.5	54.1
Israel	1521	42.1	54.9	2.8	0.3	54.9	59.2	50.7
Italy	1497	45.3	46.3	8.1	0.3	46.3	47.3	45.3
Norway (5)	1423	29.4	66.9	3.4	0.3	66.9	67.2	66.6
Portugal	1823	53.1	43.9	2.7	0.2	43.9	43.3	44.5
Singapore	2519	26.4	72.9	0.7	0.0	72.9	77.0	68.6
Slovenia	1705	48.8	47.5	3.4	0.3	47.5	46.9	48.1
Sweden	1536	47.9	48.7	3.1	0.3	48.7	50.9	46.7
United Arab Emirates	6168	55.4	40.2	3.9	0.4	40.2	43.3	37.3
United States	1620	35.5	63.2	0.9	0.5	63.2	66.7	59.6
International Avg. (14)	29284	42.4	54.1	3.3	0.3	54.1	56.5	51.7
Abu Dhabi, UAE	1547	63.5	30.8	5.2	0.5	30.8	31.6	30.1
Dubai, UAE	2998	42.5	55.0	2.1	0.4	55.0	58.6	51.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11R10M: How spider monkeys got name - 1 Point - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	68.5	3.9	68.5	22.4	4.6	0.4	0.1	69.6	67.3
Chinese Taipei	1724	67.7	1.2	67.7	26.4	4.6	0.1	0.0	71.4	64.4
Denmark	991	73.4	3.0	73.4	19.8	3.0	0.7	0.1	72.9	73.9
Georgia	2199	57.2	6.2	57.2	28.3	5.6	1.6	1.1	59.4	55.1
Ireland	1009	77.1	1.9	77.1	17.3	3.7	0.0	0.0	77.2	77.1
Israel	1521	71.5	4.0	71.5	19.9	4.0	0.4	0.3	74.6	68.5
Italy	1497	69.5	2.8	69.5	20.8	6.2	0.3	0.5	72.1	67.0
Norway (5)	1423	80.0	1.9	80.0	15.8	2.0	0.0	0.3	80.0	79.9
Portugal	1823	66.8	3.4	66.8	18.6	10.2	0.7	0.3	67.4	66.2
Singapore	2519	83.0	1.5	83.0	12.7	2.6	0.2	0.0	86.0	79.9
Slovenia	1705	63.3	4.2	63.3	23.7	8.4	0.2	0.3	61.8	64.6
Sweden	1536	74.1	1.6	74.1	19.9	4.0	0.1	0.3	76.2	72.1
United Arab Emirates	6168	59.0	8.8	59.0	23.5	7.1	0.8	0.7	61.4	56.7
United States	1620	76.5	1.7	76.5	16.4	4.6	0.3	0.5	78.5	74.4
International Avg. (14)	29284	70.5	3.3	70.5	20.4	5.0	0.4	0.3	72.0	69.1
Abu Dhabi, UAE	1547	54.6	11.9	54.6	23.4	8.2	0.9	1.0	54.8	54.4
Dubai, UAE	2998	71.1	4.2	71.1	19.4	4.8	0.1	0.4	72.9	69.4

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Make Straightforward Inferences
E11R11C: Two facts about poison-arrow frog - 2 Points

COUNTRY	N	0 %	1 %	2 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	30.4	35.4	28.5	5.6	0.2	63.9	28.5	28.3	28.7
Chinese Taipei	1724	19.1	34.0	42.0	4.9	0.0	76.0	42.0	41.7	42.3
Denmark	991	29.1	43.8	23.2	3.7	0.2	67.0	23.2	22.2	24.2
Georgia	2199	40.0	27.1	15.4	15.6	1.8	42.5	15.4	14.9	15.8
Ireland	1009	21.8	37.5	37.8	2.9	0.0	75.3	37.8	39.4	36.1
Israel	1521	37.0	32.4	25.6	4.6	0.4	58.0	25.6	26.6	24.5
Italy	1497	34.0	27.8	32.1	5.5	0.6	59.9	32.1	31.1	33.1
Norway (5)	1423	28.5	37.4	30.6	3.1	0.3	68.0	30.6	29.5	31.7
Portugal	1823	48.1	28.1	17.1	6.2	0.4	45.3	17.1	18.4	15.9
Singapore	2519	17.0	24.3	57.3	1.4	0.0	81.6	57.3	59.4	55.1
Slovenia	1705	39.8	30.8	23.5	5.6	0.3	54.3	23.5	28.5	18.7
Sweden	1536	23.3	42.4	30.6	3.4	0.3	73.1	30.6	30.9	30.3
United Arab Emirates	6168	47.1	23.1	21.5	7.2	1.1	44.6	21.5	23.5	19.7
United States	1620	40.9	31.4	25.8	1.5	0.5	57.1	25.8	27.0	24.5
International Avg. (14)	29284	32.6	32.5	29.4	5.1	0.4	61.9	29.4	30.1	28.6
Abu Dhabi, UAE	1547	54.2	21.4	14.3	8.8	1.5	35.6	14.3	15.5	13.1
Dubai, UAE	2998	33.0	28.9	33.6	4.0	0.5	62.6	33.6	35.2	32.1

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Make Straightforward Inferences
 E11R12M: Why jaguars don't see sloths - 1 Point - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	73.3	73.3	10.0	9.8	5.5	0.7	0.7	74.0	72.6
Chinese Taipei	1724	75.1	75.1	8.4	8.2	8.2	0.0	0.1	74.6	75.6
Denmark	991	78.4	78.4	8.4	6.3	5.6	0.4	0.9	79.6	77.3
Georgia	2199	55.8	55.8	16.3	13.1	7.9	1.5	5.5	55.4	56.1
Ireland	1009	76.9	76.9	9.5	7.7	5.3	0.3	0.3	75.8	78.1
Israel	1521	67.1	67.1	13.1	10.0	7.8	0.5	1.4	66.8	67.4
Italy	1497	62.4	62.4	12.7	14.1	9.0	0.4	1.3	63.5	61.2
Norway (5)	1423	82.7	82.7	5.0	7.5	3.8	0.5	0.5	85.8	79.4
Portugal	1823	58.2	58.2	17.2	13.6	9.1	0.7	1.2	58.2	58.2
Singapore	2519	82.7	82.7	8.1	6.2	2.9	0.2	0.0	84.5	80.8
Slovenia	1705	73.9	73.9	5.7	12.4	7.2	0.3	0.4	77.7	70.3
Sweden	1536	81.7	81.7	5.3	7.0	5.4	0.2	0.6	82.6	80.8
United Arab Emirates	6168	51.7	51.7	21.0	10.5	12.6	1.1	3.0	51.7	51.8
United States	1620	77.0	77.0	11.4	6.6	4.2	0.2	0.5	75.2	78.8
International Avg. (14)	29284	71.2	71.2	10.9	9.5	6.7	0.5	1.2	71.8	70.6
Abu Dhabi, UAE	1547	46.2	46.2	24.1	12.2	12.1	1.3	4.0	47.5	44.9
Dubai, UAE	2998	65.4	65.4	15.8	8.6	8.5	0.5	1.1	65.2	65.6

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Make Straightforward Inferences
 E11R13M: Which website discusses rainforest preservation - 1 Point - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	65.6	18.7	65.6	4.4	8.9	1.5	0.9	64.8	66.4
Chinese Taipei	1724	69.2	19.6	69.2	4.9	5.2	1.0	0.1	73.6	65.2
Denmark	991	65.6	21.6	65.6	6.3	4.5	1.1	0.9	66.2	65.1
Georgia	2199	45.3	23.8	45.3	14.8	7.4	2.5	6.3	47.4	43.2
Ireland	1009	70.1	18.9	70.1	3.4	6.1	0.9	0.6	73.5	66.6
Israel	1521	70.5	13.8	70.5	5.9	6.3	1.9	1.7	73.2	67.9
Italy	1497	71.3	15.0	71.3	4.3	6.5	1.4	1.5	75.7	67.3
Norway (5)	1423	73.6	13.0	73.6	9.5	1.8	1.2	0.8	75.2	72.0
Portugal	1823	62.3	17.9	62.3	6.9	9.1	1.9	1.8	64.7	60.0
Singapore	2519	76.0	12.1	76.0	5.0	5.7	1.0	0.0	80.1	71.8
Slovenia	1705	71.7	11.8	71.7	5.2	9.6	1.0	0.6	76.4	67.2
Sweden	1536	76.2	12.7	76.2	3.6	6.5	0.4	0.7	75.8	76.5
United Arab Emirates	6168	57.2	19.6	57.2	9.6	7.6	2.6	3.6	59.9	54.5
United States	1620	69.1	15.6	69.1	4.9	8.3	1.5	0.6	71.5	66.6
International Avg. (14)	29284	67.4	16.7	67.4	6.3	6.7	1.4	1.4	69.9	65.0
Abu Dhabi, UAE	1547	52.9	21.5	52.9	10.7	7.8	2.5	4.7	56.5	49.5
Dubai, UAE	2998	63.8	18.4	63.8	7.4	7.4	1.5	1.4	66.2	61.7

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 E11R14C: Most important benefit of rainforests - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	33.4	62.2	3.2	1.2	62.2	63.9	60.6
Chinese Taipei	1724	49.9	49.4	0.5	0.1	49.4	54.5	44.8
Denmark	991	35.7	60.7	2.6	1.0	60.7	60.7	60.7
Georgia	2199	49.1	38.1	5.3	7.5	38.1	40.5	35.7
Ireland	1009	33.0	65.3	1.1	0.6	65.3	67.1	63.4
Israel	1521	26.8	68.5	2.5	2.2	68.5	71.8	65.2
Italy	1497	41.8	54.5	1.8	1.9	54.5	57.2	52.0
Norway (5)	1423	26.5	71.2	1.5	0.9	71.2	73.6	68.6
Portugal	1823	29.1	66.0	2.7	2.1	66.0	70.4	61.8
Singapore	2519	20.0	79.5	0.5	0.0	79.5	83.9	74.8
Slovenia	1705	41.3	55.2	2.8	0.7	55.2	60.1	50.4
Sweden	1536	40.2	57.7	1.4	0.7	57.7	61.6	54.0
United Arab Emirates	6168	48.3	45.7	1.8	4.1	45.7	49.2	42.4
United States	1620	31.9	66.0	1.4	0.7	66.0	68.0	63.9
International Avg. (14)	29284	36.2	60.0	2.1	1.7	60.0	63.0	57.0
Abu Dhabi, UAE	1547	58.1	34.9	1.9	5.1	34.9	37.6	32.3
Dubai, UAE	2998	33.6	63.8	1.0	1.6	63.8	65.8	62.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
E11R15C: Two reasons why rainforests cut down - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	36.8	54.4	5.6	3.2	54.4	55.9	52.9
Chinese Taipei	1724	33.7	60.7	5.3	0.3	60.7	68.5	53.6
Denmark	991	31.6	62.4	3.1	2.9	62.4	63.3	61.7
Georgia	2199	34.6	38.7	15.2	11.5	38.7	43.4	34.2
Ireland	1009	26.9	68.8	2.9	1.4	68.8	73.5	63.9
Israel	1521	27.6	62.1	6.0	4.2	62.1	67.7	56.6
Italy	1497	37.7	52.3	6.5	3.5	52.3	55.6	49.3
Norway (5)	1423	33.1	61.5	3.4	2.0	61.5	66.7	56.0
Portugal	1823	40.7	46.3	8.6	4.5	46.3	46.2	46.3
Singapore	2519	17.0	81.9	0.9	0.2	81.9	85.9	77.7
Slovenia	1705	34.3	59.1	4.8	1.7	59.1	67.3	51.4
Sweden	1536	33.4	56.3	9.0	1.3	56.3	62.4	50.5
United Arab Emirates	6168	47.2	38.4	8.8	5.6	38.4	41.9	35.0
United States	1620	34.3	62.3	1.9	1.5	62.3	64.3	60.2
International Avg. (14)	29284	33.5	57.5	5.9	3.1	57.5	61.6	53.5
Abu Dhabi, UAE	1547	57.7	26.1	9.6	6.6	26.1	28.6	23.8
Dubai, UAE	2998	34.0	58.2	5.4	2.5	58.2	62.3	54.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

Rainforests: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11R16C: How cutting down trees affect rainforest animals - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3549	38.9	52.6	2.6	5.9	52.6	51.1	54.1
Chinese Taipei	1724	24.6	68.6	2.8	4.0	68.6	70.2	67.1
Denmark	991	36.7	54.7	3.2	5.5	54.7	51.7	57.5
Georgia	2199	43.8	24.3	9.6	22.3	24.3	25.5	23.2
Ireland	1009	36.2	59.6	1.0	3.2	59.6	59.8	59.4
Israel	1521	46.8	38.1	5.7	9.5	38.1	39.5	36.7
Italy	1497	46.0	37.3	8.7	8.0	37.3	37.1	37.4
Norway (5)	1423	37.4	53.6	5.1	4.0	53.6	54.9	52.2
Portugal	1823	45.6	38.3	5.7	10.4	38.3	38.3	38.3
Singapore	2519	35.1	63.1	1.2	0.7	63.1	64.3	61.9
Slovenia	1705	42.7	47.3	5.4	4.6	47.3	48.1	46.6
Sweden	1536	39.2	52.4	3.1	5.2	52.4	54.3	50.7
United Arab Emirates	6168	54.6	28.9	4.6	11.8	28.9	29.1	28.7
United States	1620	27.9	68.7	0.8	2.5	68.7	67.9	69.5
International Avg. (14)	29284	39.7	49.1	4.3	7.0	49.1	49.4	48.8
Abu Dhabi, UAE	1547	61.3	20.5	5.0	13.2	20.5	20.5	20.5
Dubai, UAE	2998	43.2	47.4	3.1	6.3	47.4	47.3	47.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Make Straightforward Inferences
 E11T01M: Which website helps you learn about Troy - 1 Point - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	60.5	8.6	60.5	24.9	5.2	0.8	60.3	60.7
Chinese Taipei	1714	76.9	13.3	76.9	3.8	5.5	0.5	78.6	75.3
Denmark	1015	54.1	7.1	54.1	25.2	13.1	0.6	52.5	56.0
Georgia	2212	59.1	15.1	59.1	20.2	3.3	2.3	57.8	60.3
Ireland	975	80.0	4.3	80.0	13.0	2.7	0.0	80.8	79.2
Israel	1513	64.8	8.5	64.8	18.1	7.8	0.9	65.2	64.4
Italy	1492	70.1	3.5	70.1	22.9	2.7	0.7	71.4	68.9
Norway (5)	1440	57.8	7.2	57.8	27.8	7.1	0.2	62.1	53.4
Portugal	1813	60.6	12.4	60.6	22.4	4.5	0.0	62.6	58.7
Singapore	2520	63.3	9.2	63.3	23.4	3.9	0.2	64.3	62.3
Slovenia	1731	46.6	9.7	46.6	39.5	4.1	0.2	48.7	44.5
Sweden	1539	71.9	5.1	71.9	16.7	6.1	0.1	76.1	68.2
United Arab Emirates	6211	47.4	17.6	47.4	26.8	5.9	2.4	48.8	45.9
United States	1609	62.7	7.4	62.7	24.3	5.0	0.6	60.3	65.2
International Avg. (14)	29300	62.5	9.2	62.5	22.1	5.5	0.7	63.5	61.7
Abu Dhabi, UAE	1575	43.7	19.6	43.7	26.8	6.5	3.3	46.7	41.0
Dubai, UAE	2982	57.5	13.2	57.5	23.6	4.4	1.3	59.4	55.7

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Make Straightforward Inferences
E11T02C: Why Troy had high walls - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	7.8	91.1	1.1	91.1	91.1	91.0
Chinese Taipei	1714	8.2	90.5	1.2	90.5	90.3	90.8
Denmark	1015	6.8	91.9	1.3	91.9	92.2	91.5
Georgia	2211	17.7	76.5	5.8	76.5	77.8	75.2
Ireland	975	6.1	93.5	0.4	93.5	93.9	93.1
Israel	1513	9.5	88.4	2.0	88.4	88.9	87.9
Italy	1492	5.5	93.9	0.5	93.9	93.5	94.3
Norway (5)	1440	5.1	94.3	0.5	94.3	95.4	93.3
Portugal	1813	10.7	88.2	1.1	88.2	88.9	87.5
Singapore	2520	8.6	91.2	0.3	91.2	93.0	89.3
Slovenia	1731	11.7	86.5	1.8	86.5	88.4	84.7
Sweden	1538	6.7	92.3	1.0	92.3	93.7	91.0
United Arab Emirates	6211	29.9	64.3	5.9	64.3	67.1	61.5
United States	1609	9.2	90.1	0.7	90.1	89.9	90.4
International Avg. (14)	29298	10.2	88.1	1.7	88.1	88.9	87.2
Abu Dhabi, UAE	1575	38.6	53.2	8.2	53.2	58.3	48.5
Dubai, UAE	2982	17.2	80.3	2.5	80.3	78.6	82.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
E11T03M: Why repeat "year after year" - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	52.6	23.2	14.1	52.6	9.3	0.8	0.0	50.9	54.2
Chinese Taipei	1714	45.6	18.0	31.1	45.6	5.1	0.2	0.0	44.5	46.6
Denmark	1015	63.9	15.3	11.0	63.9	9.2	0.6	0.0	65.0	62.4
Georgia	2212	42.5	29.2	17.1	42.5	6.6	4.5	0.0	42.1	42.9
Ireland	975	63.8	18.1	11.5	63.8	6.6	0.0	0.0	62.0	65.6
Israel	1513	62.8	17.3	9.9	62.8	9.3	0.7	0.0	61.3	64.3
Italy	1492	57.7	11.9	18.6	57.7	11.0	0.8	0.0	55.0	60.1
Norway (5)	1440	68.5	13.5	11.0	68.5	6.6	0.4	0.0	71.2	65.7
Portugal	1813	53.0	27.3	13.8	53.0	5.7	0.1	0.1	51.0	54.9
Singapore	2520	57.5	20.2	14.2	57.5	8.1	0.1	0.0	56.3	58.7
Slovenia	1731	50.0	15.9	21.0	50.0	12.4	0.5	0.1	47.8	52.3
Sweden	1539	67.7	11.1	14.8	67.7	5.6	0.6	0.2	68.4	67.0
United Arab Emirates	6211	37.2	30.1	19.0	37.2	11.5	2.1	0.0	36.6	37.8
United States	1609	62.2	21.1	9.9	62.2	6.3	0.3	0.0	59.4	65.3
International Avg. (14)	29300	56.1	19.4	15.5	56.1	8.1	0.9	0.0	55.1	57.0
Abu Dhabi, UAE	1575	32.9	30.2	21.8	32.9	13.2	1.9	0.1	31.2	34.5
Dubai, UAE	2982	45.8	28.8	14.3	45.8	10.0	1.1	0.0	43.1	48.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11T04M: How Greeks beat Trojans - 1 Point - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	78.4	4.8	7.0	8.8	78.4	1.0	0.0	77.6	79.2
Chinese Taipei	1714	87.0	5.3	3.4	4.2	87.0	0.2	0.0	85.1	88.7
Denmark	1015	87.0	4.0	4.3	3.8	87.0	0.9	0.0	85.1	89.4
Georgia	2212	64.5	9.8	7.3	13.2	64.5	5.1	0.0	65.4	63.6
Ireland	975	88.8	2.8	3.1	4.9	88.8	0.4	0.0	87.5	90.3
Israel	1513	82.2	5.0	3.8	7.6	82.2	1.3	0.0	82.9	81.6
Italy	1492	86.1	3.1	5.0	4.8	86.1	1.0	0.0	84.1	88.0
Norway (5)	1440	92.2	2.6	2.7	2.1	92.2	0.4	0.0	92.3	92.0
Portugal	1813	78.5	5.0	7.4	8.3	78.5	0.7	0.1	77.6	79.3
Singapore	2520	81.4	4.3	5.6	8.4	81.4	0.2	0.0	81.9	80.8
Slovenia	1731	79.6	7.4	4.0	7.7	79.6	1.1	0.1	81.8	77.5
Sweden	1539	88.1	3.0	4.2	3.4	88.1	0.9	0.4	88.0	88.2
United Arab Emirates	6211	58.1	11.5	11.4	16.4	58.1	2.6	0.1	60.9	55.3
United States	1609	76.5	5.8	7.7	9.2	76.5	0.8	0.1	73.2	80.0
International Avg. (14)	29300	80.6	5.3	5.5	7.3	80.6	1.2	0.1	80.2	81.0
Abu Dhabi, UAE	1575	49.5	14.4	14.3	19.3	49.5	2.4	0.1	53.3	46.1
Dubai, UAE	2982	72.1	7.2	7.1	12.1	72.1	1.5	0.0	72.3	72.0

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11T05C: Why general sailed off - 2 Points

COUNTRY	N	0 %	1 %	2 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	12.9	26.1	53.8	7.2	0.0	79.9	53.8	56.0	51.6
Chinese Taipei	1714	9.8	19.8	66.1	4.3	0.0	85.9	66.1	66.5	65.7
Denmark	1015	9.5	18.3	66.8	5.4	0.0	85.1	66.8	65.5	68.5
Georgia	2211	20.2	34.3	30.0	15.6	0.0	64.2	30.0	31.8	28.3
Ireland	975	5.3	17.3	74.7	2.7	0.0	92.1	74.7	75.7	73.8
Israel	1513	13.3	21.1	57.8	7.8	0.0	78.9	57.8	55.6	60.1
Italy	1492	9.8	26.1	56.8	7.3	0.0	82.9	56.8	57.1	56.6
Norway (5)	1440	5.6	22.7	68.6	3.0	0.0	91.3	68.6	71.9	65.4
Portugal	1813	13.7	25.5	57.3	3.5	0.1	82.7	57.3	57.5	57.0
Singapore	2520	8.7	19.6	70.3	1.3	0.0	89.9	70.3	73.9	66.5
Slovenia	1731	10.0	27.6	56.9	5.4	0.1	84.5	56.9	60.8	53.1
Sweden	1538	7.3	20.8	65.4	6.0	0.4	86.2	65.4	67.7	63.5
United Arab Emirates	6211	32.2	27.3	30.7	9.8	0.1	58.0	30.7	32.8	28.6
United States	1609	13.5	24.8	59.3	2.3	0.1	84.1	59.3	61.3	57.2
International Avg. (14)	29298	12.3	23.7	58.2	5.8	0.1	81.8	58.2	59.6	56.9
Abu Dhabi, UAE	1575	41.9	25.3	20.4	12.1	0.2	45.7	20.4	23.0	18.0
Dubai, UAE	2982	19.3	26.2	48.9	5.5	0.0	75.2	48.9	48.6	49.3

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Make Straightforward Inferences
E11T06C: What discovery may make legend true - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	41.4	54.9	3.6	0.0	54.9	55.6	54.2
Chinese Taipei	1714	24.2	73.4	2.5	0.0	73.4	73.1	73.5
Denmark	1015	31.0	65.0	4.0	0.0	65.0	66.7	62.9
Georgia	2211	55.7	32.4	11.8	0.0	32.4	37.3	27.7
Ireland	975	37.2	62.0	0.9	0.0	62.0	61.4	62.6
Israel	1513	61.0	34.7	4.2	0.1	34.7	33.6	36.0
Italy	1492	41.3	54.3	4.3	0.1	54.3	52.9	55.6
Norway (5)	1440	32.1	66.0	1.8	0.1	66.0	68.8	63.3
Portugal	1813	53.1	43.3	3.5	0.1	43.3	43.2	43.5
Singapore	2520	28.4	70.9	0.7	0.0	70.9	74.4	67.3
Slovenia	1731	49.8	46.6	3.5	0.1	46.6	50.2	43.1
Sweden	1538	47.2	49.0	3.3	0.5	49.0	52.7	45.8
United Arab Emirates	6211	65.1	30.2	4.6	0.1	30.2	31.5	28.9
United States	1609	36.5	61.7	1.6	0.2	61.7	63.4	59.9
International Avg. (14)	29298	43.1	53.2	3.6	0.1	53.2	54.6	51.7
Abu Dhabi, UAE	1575	71.8	21.9	6.1	0.2	21.9	23.2	20.7
Dubai, UAE	2982	54.0	43.3	2.6	0.0	43.3	42.7	43.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Make Straightforward Inferences
E11T07M: Which is artifact - 1 Point - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	23.3	23.3	10.5	59.6	5.8	0.8	0.1	30.5	16.3
Chinese Taipei	1714	31.0	31.0	25.6	41.0	2.3	0.1	0.0	30.6	31.5
Denmark	1015	36.5	36.5	11.9	45.1	5.5	1.0	0.0	35.8	37.4
Georgia	2212	33.9	33.9	10.3	46.2	8.4	1.2	0.0	36.0	31.9
Ireland	975	31.5	31.5	11.3	54.1	2.8	0.3	0.0	36.1	26.7
Israel	1513	54.3	54.3	11.0	27.9	6.1	0.6	0.1	54.4	54.1
Italy	1492	44.2	44.2	12.5	40.1	2.2	0.8	0.1	46.2	42.4
Norway (5)	1440	35.1	35.1	12.7	47.1	4.6	0.3	0.1	37.3	33.0
Portugal	1813	20.8	20.8	10.9	64.3	3.7	0.3	0.1	24.0	17.7
Singapore	2520	47.9	47.9	12.2	38.1	1.2	0.5	0.0	53.1	42.5
Slovenia	1731	24.6	24.6	13.9	58.3	2.8	0.2	0.1	25.1	24.0
Sweden	1539	39.4	39.4	14.1	41.4	3.9	0.7	0.5	38.5	40.1
United Arab Emirates	6211	23.3	23.3	23.4	46.5	5.7	0.9	0.1	24.3	22.4
United States	1609	29.3	29.3	9.2	59.9	1.3	0.2	0.2	30.3	28.1
International Avg. (14)	29300	33.9	33.9	13.5	47.8	4.0	0.6	0.1	35.9	32.0
Abu Dhabi, UAE	1575	18.7	18.7	24.5	49.0	6.3	1.3	0.2	18.5	18.8
Dubai, UAE	2982	29.2	29.2	20.1	47.2	3.2	0.3	0.0	30.9	27.6

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Make Straightforward Inferences
E11T08C: How archaeologists are like detectives - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	36.1	60.7	3.1	0.1	60.7	65.6	55.9
Chinese Taipei	1714	36.9	59.9	3.1	0.0	59.9	64.0	56.1
Denmark	1015	41.8	55.5	2.6	0.1	55.5	56.0	54.8
Georgia	2211	46.9	46.7	6.3	0.0	46.7	50.3	43.2
Ireland	975	28.7	69.8	1.5	0.0	69.8	72.1	67.5
Israel	1513	43.2	52.9	3.8	0.1	52.9	55.6	50.0
Italy	1492	35.6	61.8	2.5	0.1	61.8	63.1	60.5
Norway (5)	1440	33.0	64.3	2.6	0.1	64.3	69.2	59.4
Portugal	1813	42.5	52.9	4.4	0.2	52.9	53.7	52.1
Singapore	2520	17.5	81.8	0.6	0.0	81.8	85.7	77.7
Slovenia	1731	42.4	54.2	3.2	0.1	54.2	57.0	51.4
Sweden	1538	56.2	41.1	2.0	0.6	41.1	41.8	40.6
United Arab Emirates	6211	43.7	50.9	5.2	0.2	50.9	55.4	46.6
United States	1609	32.1	66.4	1.2	0.3	66.4	65.6	67.1
International Avg. (14)	29298	38.3	58.5	3.0	0.2	58.5	61.1	55.9
Abu Dhabi, UAE	1575	52.0	40.2	7.2	0.5	40.2	44.1	36.7
Dubai, UAE	2982	31.4	66.2	2.2	0.1	66.2	69.9	62.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Interpret and Integrate Ideas and Information
E11T09C: Why "the further down...the older things are" - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	66.9	24.4	8.5	0.2	24.4	30.9	18.1
Chinese Taipei	1714	50.5	43.1	6.4	0.0	43.1	46.6	39.8
Denmark	1015	56.4	33.1	10.2	0.2	33.1	36.5	28.9
Georgia	2211	66.3	15.6	17.4	0.6	15.6	18.4	12.9
Ireland	975	70.5	24.3	5.2	0.0	24.3	28.9	19.7
Israel	1513	64.7	26.1	8.8	0.4	26.1	28.2	23.8
Italy	1492	71.8	20.3	7.7	0.1	20.3	21.4	19.3
Norway (5)	1440	59.0	35.8	5.0	0.1	35.8	42.3	29.4
Portugal	1813	68.6	24.4	6.7	0.2	24.4	27.2	21.8
Singapore	2520	49.7	46.9	3.3	0.1	46.9	55.4	38.2
Slovenia	1731	78.4	11.8	9.7	0.1	11.8	13.0	10.7
Sweden	1538	63.1	26.9	9.3	0.6	26.9	31.6	22.7
United Arab Emirates	6211	71.2	16.9	11.4	0.5	16.9	20.1	13.8
United States	1609	71.2	24.3	4.1	0.4	24.3	27.6	20.7
International Avg. (14)	29298	64.9	26.7	8.1	0.3	26.7	30.6	22.8
Abu Dhabi, UAE	1575	74.5	10.2	14.5	0.8	10.2	12.3	8.3
Dubai, UAE	2982	68.5	24.3	7.0	0.2	24.3	26.1	22.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Make Straightforward Inferences
E11T10C: Why archaeologists dig in grid - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	46.8	48.7	4.1	0.3	48.7	54.1	43.6
Chinese Taipei	1714	25.6	70.1	4.3	0.1	70.1	73.4	66.9
Denmark	1015	46.5	48.9	4.4	0.2	48.9	50.9	46.3
Georgia	2211	57.4	31.0	9.1	2.6	31.0	35.4	26.7
Ireland	975	46.6	50.7	2.7	0.0	50.7	53.9	47.4
Israel	1513	33.2	61.7	4.3	0.8	61.7	65.8	57.4
Italy	1492	56.3	40.0	3.4	0.3	40.0	41.9	38.2
Norway (5)	1440	52.3	44.2	3.5	0.1	44.2	51.2	37.2
Portugal	1813	52.0	43.5	4.1	0.4	43.5	45.3	41.8
Singapore	2520	20.4	78.5	0.9	0.2	78.5	83.8	72.9
Slovenia	1731	48.2	48.8	2.7	0.3	48.8	53.8	43.9
Sweden	1538	40.5	54.3	4.4	0.8	54.3	64.1	45.8
United Arab Emirates	6211	65.4	27.7	5.5	1.4	27.7	31.5	24.0
United States	1609	40.7	57.5	1.2	0.6	57.5	59.2	55.7
International Avg. (14)	29298	45.1	50.4	3.9	0.6	50.4	54.6	46.3
Abu Dhabi, UAE	1575	71.0	19.5	7.4	2.1	19.5	24.2	15.3
Dubai, UAE	2982	56.9	39.1	3.7	0.4	39.1	41.7	36.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
E11T11M: What is Hisarlik - 1 Point - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	72.4	11.2	13.6	1.7	72.4	0.6	0.5	76.3	68.6
Chinese Taipei	1714	77.5	8.0	12.1	2.3	77.5	0.0	0.1	80.9	74.3
Denmark	1015	80.9	4.2	12.4	1.9	80.9	0.3	0.4	81.8	79.7
Georgia	2212	61.4	11.3	16.3	4.9	61.4	1.8	4.2	64.0	58.9
Ireland	975	82.4	6.5	8.7	1.9	82.4	0.3	0.1	84.7	80.2
Israel	1513	69.2	9.4	16.0	3.5	69.2	0.2	1.7	71.9	66.3
Italy	1492	80.0	5.6	11.9	1.8	80.0	0.2	0.5	83.8	76.5
Norway (5)	1440	78.9	4.8	14.7	1.3	78.9	0.1	0.2	84.7	73.1
Portugal	1813	69.3	7.5	19.0	3.1	69.3	0.3	0.7	72.1	66.7
Singapore	2520	79.9	7.4	10.9	1.4	79.9	0.2	0.2	82.4	77.3
Slovenia	1731	74.4	6.6	15.2	3.2	74.4	0.2	0.4	79.5	69.6
Sweden	1539	77.7	6.7	12.8	1.7	77.7	0.2	0.9	82.7	73.3
United Arab Emirates	6211	58.4	13.0	16.6	8.7	58.4	0.8	2.5	63.3	53.7
United States	1609	74.8	8.8	13.3	2.1	74.8	0.3	0.8	76.1	73.3
International Avg. (14)	29300	74.1	7.9	13.8	2.8	74.1	0.4	0.9	77.4	70.8
Abu Dhabi, UAE	1575	48.6	13.9	21.3	12.0	48.6	1.0	3.2	54.5	43.3
Dubai, UAE	2982	74.1	9.5	11.4	3.8	74.1	0.3	0.8	75.4	73.0

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11T12M: In which country is Hisarlik - 1 Point - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	74.9	74.9	3.0	6.5	13.9	1.2	0.6	74.3	75.5
Chinese Taipei	1714	75.0	75.0	1.7	2.5	20.7	0.0	0.1	73.7	76.3
Denmark	1015	80.6	80.6	1.2	1.5	15.6	0.6	0.4	76.6	85.6
Georgia	2212	56.6	56.6	5.5	5.7	24.8	1.8	5.6	53.2	59.8
Ireland	975	80.9	80.9	1.3	3.4	13.8	0.3	0.3	77.4	84.6
Israel	1513	77.0	77.0	3.5	2.9	14.1	0.6	1.9	74.7	79.4
Italy	1492	76.4	76.4	1.1	1.6	19.3	1.0	0.6	74.7	78.1
Norway (5)	1440	87.8	87.8	0.8	1.5	9.4	0.3	0.2	86.6	89.0
Portugal	1813	81.3	81.3	3.2	2.6	11.5	0.6	0.8	81.7	80.8
Singapore	2520	83.9	83.9	2.0	3.3	10.4	0.3	0.2	82.6	85.3
Slovenia	1731	71.3	71.3	3.7	2.6	21.4	0.5	0.5	74.4	68.3
Sweden	1539	84.4	84.4	1.3	1.1	12.0	0.2	1.0	85.4	83.4
United Arab Emirates	6211	65.0	65.0	6.3	7.6	17.1	1.0	3.1	64.4	65.5
United States	1609	80.1	80.1	3.0	4.5	11.2	0.3	0.8	78.8	81.6
International Avg. (14)	29300	76.8	76.8	2.7	3.4	15.4	0.6	1.1	75.6	78.1
Abu Dhabi, UAE	1575	57.2	57.2	8.8	10.5	18.7	0.9	3.9	57.4	57.0
Dubai, UAE	2982	77.1	77.1	3.2	4.6	13.6	0.4	1.1	74.9	79.2

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11T13M: What Schliemann understood - 1 Point - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	58.2	23.4	58.2	10.6	5.2	1.9	0.8	59.2	57.2
Chinese Taipei	1714	71.4	12.9	71.4	9.2	6.4	0.1	0.1	72.0	70.8
Denmark	1015	67.2	16.8	67.2	7.3	5.2	3.0	0.6	64.7	70.2
Georgia	2212	50.7	21.4	50.7	7.2	8.6	5.7	6.4	46.8	54.5
Ireland	975	69.2	18.1	69.2	6.4	4.6	1.3	0.5	68.6	69.7
Israel	1513	65.3	17.4	65.3	9.3	4.1	1.7	2.1	63.7	67.0
Italy	1492	58.7	19.1	58.7	12.0	6.9	2.7	0.7	58.5	58.8
Norway (5)	1440	69.7	8.9	69.7	7.3	12.5	1.4	0.3	69.3	70.1
Portugal	1813	50.9	23.1	50.9	15.5	7.6	1.7	1.2	50.1	51.7
Singapore	2520	69.7	12.1	69.7	12.8	5.0	0.2	0.2	71.9	67.4
Slovenia	1731	60.2	18.8	60.2	9.7	9.1	1.5	0.8	61.6	58.8
Sweden	1539	65.5	18.8	65.5	5.2	7.4	2.2	1.0	66.5	64.6
United Arab Emirates	6211	46.8	23.7	46.8	15.8	8.0	2.2	3.6	46.3	47.2
United States	1609	62.8	20.1	62.8	11.2	4.1	1.0	0.8	61.0	64.8
International Avg. (14)	29300	61.9	18.2	61.9	10.0	6.8	1.9	1.4	61.4	62.3
Abu Dhabi, UAE	1575	42.0	25.6	42.0	18.3	7.7	2.1	4.3	39.2	44.5
Dubai, UAE	2982	57.4	21.0	57.4	12.3	6.7	1.3	1.3	56.1	58.6

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 E11T14C: Writer's opinion of Schliemann - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	47.7	38.2	13.0	1.0	38.2	39.4	37.1
Chinese Taipei	1714	38.5	51.1	10.3	0.1	51.1	53.6	48.7
Denmark	1015	53.2	35.8	9.8	1.2	35.8	37.3	33.8
Georgia	2211	47.2	25.2	18.3	9.3	25.2	26.4	24.0
Ireland	975	49.3	44.0	5.4	1.2	44.0	44.7	43.3
Israel	1513	42.8	44.1	10.1	2.9	44.1	45.4	42.8
Italy	1492	60.5	27.3	11.2	1.0	27.3	27.0	27.6
Norway (5)	1440	52.0	39.7	7.6	0.7	39.7	42.7	36.8
Portugal	1813	51.0	36.1	10.9	2.1	36.1	36.2	36.0
Singapore	2520	36.3	61.4	2.0	0.3	61.4	65.8	56.9
Slovenia	1731	53.5	29.4	15.9	1.1	29.4	29.7	29.2
Sweden	1538	49.7	37.5	11.3	1.5	37.5	42.1	33.4
United Arab Emirates	6211	67.4	17.6	10.3	4.7	17.6	19.2	16.1
United States	1609	46.2	49.2	3.6	1.0	49.2	49.1	49.3
International Avg. (14)	29298	49.7	38.3	10.0	2.0	38.3	39.9	36.8
Abu Dhabi, UAE	1575	69.1	12.9	12.6	5.4	12.9	13.5	12.4
Dubai, UAE	2982	65.5	26.2	6.4	1.9	26.2	27.7	24.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11T15M: Dorpfeld's discovery - 1 Point - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	57.2	9.9	13.8	16.1	57.2	1.0	2.1	57.1	57.2
Chinese Taipei	1714	72.2	7.6	7.8	10.8	72.2	1.0	0.6	73.3	71.1
Denmark	1015	58.8	12.7	14.0	9.3	58.8	2.7	2.5	56.3	62.1
Georgia	2212	35.7	14.6	15.6	15.9	35.7	4.1	14.2	37.1	34.2
Ireland	975	69.1	5.6	10.0	13.4	69.1	0.3	1.5	70.9	67.2
Israel	1513	58.9	11.7	10.5	12.9	58.9	0.8	5.2	57.6	60.1
Italy	1492	58.7	10.8	9.1	17.4	58.7	1.8	2.3	58.9	58.4
Norway (5)	1440	62.9	10.6	9.6	15.2	62.9	0.6	1.1	66.8	58.9
Portugal	1813	44.5	14.0	17.6	19.4	44.5	0.7	3.8	43.1	45.9
Singapore	2520	72.4	6.5	9.3	11.3	72.4	0.2	0.4	76.0	68.7
Slovenia	1731	58.5	12.2	10.3	16.3	58.5	0.7	2.0	60.7	56.3
Sweden	1539	67.0	12.5	9.1	8.2	67.0	1.0	2.2	68.7	65.6
United Arab Emirates	6211	36.1	16.9	18.0	19.9	36.1	1.2	7.9	36.7	35.5
United States	1609	58.9	9.6	14.2	15.8	58.9	0.3	1.2	58.4	59.3
International Avg. (14)	29300	57.9	11.1	12.1	14.4	57.9	1.2	3.4	58.7	57.2
Abu Dhabi, UAE	1575	29.4	19.8	21.2	19.7	29.4	1.2	8.8	30.6	28.3
Dubai, UAE	2982	55.4	11.4	12.9	16.3	55.4	0.7	3.3	56.0	54.9

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
E11T16M: When city at Level 2 existed - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	77.4	11.5	3.8	77.4	4.1	0.9	2.4	77.1	77.7
Chinese Taipei	1714	92.6	3.4	1.2	92.6	2.1	0.0	0.6	91.8	93.4
Denmark	1015	83.5	5.1	3.3	83.5	4.1	1.0	3.1	82.6	84.6
Georgia	2212	57.4	13.0	5.7	57.4	5.9	1.5	16.4	59.0	55.9
Ireland	975	85.2	6.5	3.1	85.2	3.3	0.2	1.7	84.9	85.5
Israel	1513	80.0	6.4	3.3	80.0	3.8	1.0	5.5	80.2	79.7
Italy	1492	77.0	11.6	3.7	77.0	3.6	1.4	2.7	77.3	76.7
Norway (5)	1440	88.9	4.1	3.7	88.9	1.7	0.5	1.1	90.4	87.4
Portugal	1813	78.7	8.4	3.8	78.7	3.9	1.0	4.3	77.9	79.4
Singapore	2520	91.3	3.3	2.5	91.3	2.1	0.4	0.4	92.6	89.9
Slovenia	1731	78.5	10.6	5.0	78.5	3.5	0.3	2.1	80.5	76.6
Sweden	1539	85.0	6.3	2.9	85.0	2.3	1.3	2.2	86.4	83.8
United Arab Emirates	6211	59.2	14.0	9.3	59.2	7.7	1.5	8.2	59.9	58.6
United States	1609	85.7	5.7	3.1	85.7	3.5	0.7	1.4	85.3	86.1
International Avg. (14)	29300	80.0	7.8	3.9	80.0	3.7	0.8	3.7	80.4	79.7
Abu Dhabi, UAE	1575	50.7	16.1	11.0	50.7	11.4	1.8	9.1	52.3	49.3
Dubai, UAE	2982	75.0	10.1	6.5	75.0	4.2	0.8	3.5	73.7	76.2

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 E11T17C: Why Level 2 green - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	44.5	47.7	5.1	2.6	47.7	51.1	44.4
Chinese Taipei	1714	34.9	61.6	2.9	0.6	61.6	61.6	61.5
Denmark	1015	32.1	59.8	4.2	3.9	59.8	59.8	59.9
Georgia	2211	39.1	31.4	12.1	17.4	31.4	32.5	30.4
Ireland	975	35.6	59.9	2.6	1.9	59.9	62.3	57.5
Israel	1513	29.7	59.8	4.1	6.4	59.8	59.7	59.9
Italy	1492	37.2	52.8	6.5	3.5	52.8	51.4	54.1
Norway (5)	1440	26.7	69.3	2.5	1.5	69.3	73.0	65.7
Portugal	1813	42.4	47.3	5.3	5.1	47.3	50.0	44.6
Singapore	2520	30.0	68.6	0.8	0.6	68.6	74.2	62.9
Slovenia	1731	57.5	31.9	8.4	2.2	31.9	35.3	28.6
Sweden	1538	33.8	59.0	4.1	3.0	59.0	60.1	58.1
United Arab Emirates	6211	47.9	36.2	6.6	9.3	36.2	37.6	34.8
United States	1609	46.9	48.6	2.5	2.0	48.6	48.4	48.8
International Avg. (14)	29298	38.5	52.4	4.8	4.3	52.4	54.1	50.8
Abu Dhabi, UAE	1575	53.9	28.4	7.5	10.2	28.4	30.0	26.9
Dubai, UAE	2982	40.3	51.3	4.2	4.2	51.3	51.7	51.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11T18C: Ordering (DERIVED) - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	57.9	31.8	5.6	4.8	31.8	31.4	32.1
Chinese Taipei	1714	48.0	48.5	1.7	1.8	48.5	49.2	47.8
Denmark	1015	51.4	32.8	9.3	6.4	32.8	29.8	36.7
Georgia	2212	53.4	12.8	9.6	24.1	12.8	12.6	13.1
Ireland	975	48.2	45.7	2.9	3.2	45.7	44.4	47.1
Israel	1513	51.2	36.6	3.4	8.8	36.6	34.0	39.3
Italy	1492	51.8	35.8	6.0	6.4	35.8	33.7	37.7
Norway (5)	1440	61.0	27.5	8.4	3.1	27.5	27.8	27.2
Portugal	1813	61.0	27.1	3.9	8.0	27.1	25.4	28.8
Singapore	2520	43.2	55.2	0.7	0.8	55.2	56.5	54.0
Slovenia	1731	62.4	28.8	3.7	5.0	28.8	27.1	30.5
Sweden	1539	44.6	43.5	7.0	5.0	43.5	45.6	41.6
United Arab Emirates	6211	59.9	22.0	5.3	12.9	22.0	21.1	22.8
United States	1609	59.8	34.5	2.7	3.0	34.5	32.8	36.3
International Avg. (14)	29300	53.8	34.5	5.0	6.7	34.5	33.7	35.4
Abu Dhabi, UAE	1575	62.7	16.6	6.3	14.4	16.6	16.3	17.0
Dubai, UAE	2982	55.2	35.4	3.5	6.0	35.4	33.6	37.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11T18CA: Ordering (Dorpfeld carefully studied) - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	46.2	42.7	6.3	4.8	42.7	42.4	43.0
Chinese Taipei	1714	35.8	60.7	1.7	1.8	60.7	61.2	60.2
Denmark	1015	39.1	43.9	10.5	6.4	43.9	40.4	48.4
Georgia	2212	43.6	21.1	11.2	24.1	21.1	20.3	22.0
Ireland	975	38.9	54.7	3.2	3.2	54.7	53.8	55.6
Israel	1513	42.5	45.2	3.5	8.8	45.2	42.3	48.3
Italy	1492	41.4	45.8	6.4	6.4	45.8	43.6	47.8
Norway (5)	1440	49.4	38.2	9.4	3.1	38.2	37.7	38.6
Portugal	1813	52.4	35.6	4.1	8.0	35.6	34.4	36.7
Singapore	2520	35.3	63.1	0.8	0.8	63.1	64.8	61.4
Slovenia	1731	53.4	37.3	4.3	5.0	37.3	35.8	38.8
Sweden	1539	35.0	52.9	7.1	5.0	52.9	54.3	51.6
United Arab Emirates	6211	48.8	31.6	6.7	12.9	31.6	30.3	32.8
United States	1609	48.5	45.1	3.4	3.0	45.1	41.3	49.2
International Avg. (14)	29300	43.6	44.1	5.6	6.7	44.1	43.0	45.3
Abu Dhabi, UAE	1575	49.8	27.6	8.1	14.4	27.6	26.4	28.7
Dubai, UAE	2982	45.5	44.0	4.6	6.0	44.0	43.1	44.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11T18CB: Ordering (Maclaran wrote a book) - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	40.7	47.5	7.1	4.8	47.5	46.6	48.3
Chinese Taipei	1714	36.3	60.1	1.9	1.8	60.1	59.9	60.2
Denmark	1015	37.9	44.9	10.7	6.4	44.9	43.0	47.4
Georgia	2212	40.1	23.1	12.7	24.1	23.1	22.1	24.2
Ireland	975	35.4	57.9	3.5	3.2	57.9	56.0	59.8
Israel	1513	38.4	49.2	3.6	8.8	49.2	46.9	51.5
Italy	1492	39.0	47.9	6.7	6.4	47.9	46.0	49.6
Norway (5)	1440	45.8	40.4	10.6	3.1	40.4	40.8	40.1
Portugal	1813	47.5	40.5	4.1	8.0	40.5	37.5	43.3
Singapore	2520	32.8	65.7	0.8	0.8	65.7	65.2	66.1
Slovenia	1731	43.7	46.4	4.8	5.0	46.4	45.3	47.5
Sweden	1539	30.6	56.0	8.4	5.0	56.0	57.8	54.5
United Arab Emirates	6211	44.1	34.4	8.6	12.9	34.4	32.0	36.7
United States	1609	45.9	47.6	3.5	3.0	47.6	46.8	48.3
International Avg. (14)	29300	39.9	47.2	6.2	6.7	47.2	46.1	48.4
Abu Dhabi, UAE	1575	45.8	28.4	11.3	14.4	28.4	25.8	30.8
Dubai, UAE	2982	39.8	49.1	5.1	6.0	49.1	45.4	52.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

The Legend of Troy: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11T18CD: Ordering (Schliemann found treasure) - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3516	45.5	42.6	7.2	4.8	42.6	44.0	41.2
Chinese Taipei	1714	39.1	57.3	1.9	1.8	57.3	58.1	56.5
Denmark	1015	40.9	41.9	10.8	6.4	41.9	39.4	45.0
Georgia	2212	36.8	25.9	13.2	24.1	25.9	24.9	26.9
Ireland	975	39.2	54.0	3.6	3.2	54.0	52.2	55.9
Israel	1513	37.8	49.6	3.7	8.8	49.6	47.6	51.8
Italy	1492	39.5	47.2	6.8	6.4	47.2	44.9	49.4
Norway (5)	1440	47.7	38.6	10.6	3.1	38.6	39.2	38.0
Portugal	1813	43.0	44.8	4.3	8.0	44.8	45.2	44.4
Singapore	2520	34.7	63.7	0.8	0.8	63.7	64.6	62.7
Slovenia	1731	47.3	42.3	5.4	5.0	42.3	40.2	44.2
Sweden	1539	35.3	51.3	8.5	5.0	51.3	54.0	48.8
United Arab Emirates	6211	42.5	35.7	8.9	12.9	35.7	36.1	35.4
United States	1609	47.4	45.9	3.6	3.0	45.9	45.8	46.1
International Avg. (14)	29300	41.2	45.8	6.4	6.7	45.8	45.4	46.2
Abu Dhabi, UAE	1575	42.6	31.8	11.2	14.4	31.8	33.1	30.7
Dubai, UAE	2982	43.1	45.6	5.3	6.0	45.6	45.5	45.8

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Make Straightforward Inferences
 E11Z01M: Which website explains zebra migration - 1 Point - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	82.3	7.9	82.3	8.1	1.3	0.4	85.3	79.7
Chinese Taipei	1719	78.5	9.4	78.5	8.6	3.3	0.2	80.6	76.4
Denmark	1001	87.6	5.1	87.6	5.2	1.8	0.2	90.7	84.5
Georgia	2232	63.9	20.5	63.9	10.4	3.5	1.7	66.3	61.4
Ireland	983	83.9	9.3	83.9	4.8	2.0	0.0	87.7	80.0
Israel	1542	83.4	10.3	83.4	3.9	1.9	0.5	84.9	81.7
Italy	1502	84.3	8.8	84.3	4.6	1.5	0.8	85.6	83.1
Norway (5)	1442	87.9	4.7	87.9	6.4	1.0	0.0	91.2	84.5
Portugal	1844	76.9	13.8	76.9	7.6	1.6	0.2	78.1	75.9
Singapore	2533	86.8	6.7	86.8	4.6	1.6	0.3	88.4	85.3
Slovenia	1727	76.6	14.4	76.6	5.8	2.9	0.3	77.7	75.4
Sweden	1528	81.8	5.0	81.8	10.2	2.6	0.4	81.2	82.5
United Arab Emirates	6145	65.9	17.4	65.9	10.0	4.7	2.0	69.6	62.3
United States	1621	81.7	7.7	81.7	8.7	1.4	0.5	81.1	82.2
International Avg. (14)	29288	80.1	10.1	80.1	7.1	2.2	0.5	82.0	78.2
Abu Dhabi, UAE	1566	59.1	20.6	59.1	11.0	6.0	3.3	64.0	54.8
Dubai, UAE	2973	74.7	13.4	74.7	7.9	3.0	1.0	78.0	71.6

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11Z02C: Two ways zebras and wildebeests are the same - 2 Points

COUNTRY	N	0 %	1 %	2 %	OMITTED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	29.4	32.0	36.5	2.2	68.4	36.5	42.5	31.1
Chinese Taipei	1719	15.9	40.9	41.3	1.9	82.2	41.3	45.2	37.5
Denmark	1001	24.0	26.6	48.1	1.3	74.7	48.1	53.6	42.6
Georgia	2231	38.6	23.3	30.0	8.2	53.3	30.0	34.3	25.5
Ireland	983	28.5	32.9	37.0	1.6	69.9	37.0	39.1	34.8
Israel	1542	33.7	32.8	30.1	3.4	62.9	30.1	32.6	27.4
Italy	1502	35.5	27.2	35.0	2.3	62.2	35.0	39.5	31.1
Norway (5)	1442	26.7	30.7	42.1	0.4	72.9	42.1	47.2	37.0
Portugal	1844	52.3	21.6	24.5	1.6	46.1	24.5	26.3	23.0
Singapore	2533	21.1	38.1	40.6	0.2	78.7	40.6	43.5	37.7
Slovenia	1727	36.8	21.2	37.6	4.4	58.8	37.6	44.5	30.6
Sweden	1528	36.4	19.6	41.8	2.2	61.4	41.8	50.7	32.8
United Arab Emirates	6145	47.9	22.3	22.4	7.4	44.7	22.4	27.1	17.9
United States	1621	29.5	33.7	35.6	1.2	69.3	35.6	41.4	30.0
International Avg. (14)	29287	32.6	28.8	35.9	2.7	64.7	35.9	40.5	31.4
Abu Dhabi, UAE	1566	55.1	17.1	17.8	10.0	34.9	17.8	22.4	13.6
Dubai, UAE	2973	33.6	29.4	33.5	3.5	62.9	33.5	38.8	28.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 E11Z03M: Why boxes with facts - 1 Point - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	67.6	9.4	8.0	14.2	67.6	0.8	0.0	71.9	63.6
Chinese Taipei	1719	70.5	8.9	11.2	8.6	70.5	0.7	0.0	71.5	69.6
Denmark	1001	62.1	13.2	13.9	9.8	62.1	1.0	0.0	62.5	61.6
Georgia	2232	51.9	14.8	11.1	18.8	51.9	3.3	0.0	54.2	49.6
Ireland	983	73.1	9.0	6.6	10.8	73.1	0.4	0.0	76.6	69.6
Israel	1542	42.2	9.2	11.5	35.0	42.2	1.9	0.1	43.8	40.5
Italy	1502	71.3	7.0	5.3	15.0	71.3	1.4	0.0	74.2	68.8
Norway (5)	1442	63.4	13.1	13.3	10.0	63.4	0.2	0.0	68.1	58.6
Portugal	1844	47.1	9.2	19.6	23.4	47.1	0.7	0.0	49.9	44.7
Singapore	2533	73.5	8.8	5.4	12.1	73.5	0.2	0.0	76.9	70.3
Slovenia	1727	60.7	8.1	16.2	14.1	60.7	0.9	0.0	63.6	57.7
Sweden	1528	59.6	9.2	23.0	7.4	59.6	0.7	0.2	62.7	56.4
United Arab Emirates	6145	46.2	14.1	12.1	24.7	46.2	2.8	0.1	49.2	43.2
United States	1621	76.5	6.2	5.0	11.5	76.5	0.8	0.0	79.1	74.1
International Avg. (14)	29288	61.8	10.0	11.6	15.4	61.8	1.1	0.0	64.6	59.2
Abu Dhabi, UAE	1566	38.9	16.2	14.0	27.4	38.9	3.3	0.1	44.7	33.7
Dubai, UAE	2973	61.0	10.7	8.0	18.7	61.0	1.5	0.0	60.4	61.5

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
E11Z04C: Why zebras and wildebeests migrate - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	15.6	82.7	1.8	0.0	82.7	83.9	81.6
Chinese Taipei	1719	12.7	85.2	2.1	0.0	85.2	86.5	83.9
Denmark	1001	10.1	89.1	0.9	0.0	89.1	91.4	86.7
Georgia	2231	15.8	79.2	5.0	0.0	79.2	82.4	76.0
Ireland	983	12.0	86.3	1.7	0.0	86.3	88.1	84.5
Israel	1542	12.3	86.3	1.3	0.1	86.3	88.4	83.9
Italy	1502	16.5	81.3	2.2	0.0	81.3	85.4	77.7
Norway (5)	1442	9.3	90.0	0.7	0.0	90.0	89.5	90.4
Portugal	1844	13.8	85.1	1.1	0.0	85.1	85.1	85.0
Singapore	2533	15.6	83.8	0.6	0.0	83.8	86.6	81.2
Slovenia	1727	10.6	88.6	0.8	0.0	88.6	90.5	86.6
Sweden	1528	9.6	89.7	0.5	0.2	89.7	90.4	88.9
United Arab Emirates	6145	36.8	59.6	3.6	0.1	59.6	65.2	54.3
United States	1621	13.9	85.3	0.8	0.0	85.3	85.3	85.2
International Avg. (14)	29287	14.6	83.7	1.6	0.0	83.7	85.6	81.9
Abu Dhabi, UAE	1566	46.0	49.2	4.6	0.2	49.2	56.0	43.1
Dubai, UAE	2973	24.2	74.0	1.9	0.0	74.0	78.2	70.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 E11Z05M: How map helps - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	63.2	14.1	7.8	63.2	14.3	0.6	0.0	64.1	62.4
Chinese Taipei	1719	48.0	33.5	10.0	48.0	7.9	0.6	0.0	48.9	47.1
Denmark	1001	84.5	4.4	4.7	84.5	6.1	0.3	0.0	85.7	83.3
Georgia	2232	56.1	22.6	8.3	56.1	10.6	2.4	0.0	55.5	56.7
Ireland	983	69.5	12.6	7.5	69.5	10.1	0.3	0.0	68.3	70.7
Israel	1542	72.0	11.9	5.7	72.0	9.3	1.1	0.1	74.5	69.1
Italy	1502	64.9	17.1	7.3	64.9	9.8	1.0	0.0	65.1	64.7
Norway (5)	1442	79.8	7.9	5.4	79.8	6.6	0.2	0.0	79.2	80.3
Portugal	1844	75.9	11.8	4.3	75.9	7.7	0.2	0.0	75.1	76.5
Singapore	2533	62.4	15.3	11.0	62.4	11.1	0.3	0.0	64.0	60.9
Slovenia	1727	63.7	9.8	5.3	63.7	20.8	0.3	0.0	65.8	61.6
Sweden	1528	76.8	10.1	6.5	76.8	6.1	0.2	0.3	76.8	76.9
United Arab Emirates	6145	54.7	21.5	9.8	54.7	12.6	1.2	0.1	56.5	53.1
United States	1621	72.0	12.4	7.4	72.0	7.9	0.1	0.0	70.9	73.1
International Avg. (14)	29288	67.4	14.6	7.2	67.4	10.1	0.6	0.0	67.9	66.9
Abu Dhabi, UAE	1566	50.3	22.7	11.7	50.3	13.3	1.5	0.4	54.4	46.6
Dubai, UAE	2973	61.9	17.4	8.3	61.9	12.0	0.5	0.0	61.0	62.8

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Make Straightforward Inferences
 E11Z06C: Difficulties without wildebeests - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	41.9	52.5	5.6	0.0	52.5	52.9	52.1
Chinese Taipei	1719	35.6	60.3	4.0	0.0	60.3	60.9	59.8
Denmark	1001	42.5	54.2	3.3	0.0	54.2	53.9	54.4
Georgia	2231	51.7	32.3	16.0	0.0	32.3	34.8	29.7
Ireland	983	34.4	63.0	2.5	0.0	63.0	66.7	59.2
Israel	1542	44.6	49.8	5.5	0.1	49.8	49.6	50.1
Italy	1502	44.0	50.6	5.2	0.1	50.6	50.9	50.4
Norway (5)	1442	32.8	63.1	4.1	0.0	63.1	65.8	60.3
Portugal	1844	45.8	51.0	3.2	0.0	51.0	51.8	50.2
Singapore	2533	34.3	64.7	0.9	0.0	64.7	67.3	62.3
Slovenia	1727	48.9	44.5	6.6	0.0	44.5	50.5	38.4
Sweden	1528	32.2	62.9	4.7	0.3	62.9	66.1	59.6
United Arab Emirates	6145	65.4	26.9	7.6	0.2	26.9	28.9	25.0
United States	1621	38.3	60.0	1.6	0.0	60.0	60.4	59.7
International Avg. (14)	29287	42.3	52.6	5.1	0.1	52.6	54.3	50.8
Abu Dhabi, UAE	1566	72.9	18.5	8.2	0.4	18.5	22.2	15.2
Dubai, UAE	2973	49.3	46.1	4.7	0.0	46.1	46.1	46.0

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Make Straightforward Inferences
 E11Z07M: How zebras help wildebeests - 1 Point - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	66.5	66.5	14.6	8.9	9.2	0.6	0.0	70.4	63.1
Chinese Taipei	1719	67.1	67.1	20.1	10.5	1.6	0.6	0.0	66.4	67.8
Denmark	1001	79.6	79.6	10.1	4.9	4.6	0.8	0.0	79.5	79.8
Georgia	2232	51.2	51.2	25.1	10.3	9.4	3.9	0.0	51.2	51.2
Ireland	983	76.5	76.5	10.9	6.3	5.7	0.5	0.0	76.4	76.6
Israel	1542	66.4	66.4	16.4	8.5	7.3	1.3	0.1	65.9	67.0
Italy	1502	62.1	62.1	17.5	10.1	8.6	1.4	0.2	63.4	61.1
Norway (5)	1442	70.9	70.9	15.3	4.3	9.2	0.3	0.0	70.2	71.5
Portugal	1844	66.5	66.5	13.7	14.7	4.9	0.2	0.0	65.6	67.2
Singapore	2533	79.0	79.0	12.7	4.5	3.4	0.4	0.0	79.5	78.5
Slovenia	1727	68.7	68.7	16.8	7.0	6.9	0.6	0.1	70.0	67.4
Sweden	1528	75.1	75.1	14.6	5.9	3.8	0.4	0.3	76.5	73.7
United Arab Emirates	6145	41.4	41.4	28.1	16.8	12.5	1.1	0.2	43.3	39.5
United States	1621	77.1	77.1	10.7	7.2	4.4	0.4	0.1	76.2	78.0
International Avg. (14)	29288	67.7	67.7	16.2	8.6	6.5	0.9	0.1	68.2	67.3
Abu Dhabi, UAE	1566	35.8	35.8	29.6	19.3	13.5	1.3	0.5	39.7	32.3
Dubai, UAE	2973	58.8	58.8	19.9	11.3	9.2	0.8	0.0	59.1	58.4

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11Z08M: Why zebras and wildebeests share food - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	70.1	14.7	5.7	70.1	9.1	0.3	0.0	69.8	70.4
Chinese Taipei	1719	67.0	11.6	6.5	67.0	14.8	0.1	0.0	68.9	65.2
Denmark	1001	59.3	26.7	2.3	59.3	11.2	0.4	0.0	61.0	57.6
Georgia	2232	45.9	21.9	10.7	45.9	20.1	1.4	0.0	48.3	43.4
Ireland	983	72.5	13.0	3.8	72.5	10.6	0.0	0.0	74.5	70.5
Israel	1542	66.3	12.8	6.6	66.3	13.7	0.6	0.1	69.1	63.3
Italy	1502	67.8	14.4	6.1	67.8	10.5	0.9	0.2	67.9	67.8
Norway (5)	1442	68.3	17.9	3.8	68.3	9.7	0.3	0.0	69.2	67.4
Portugal	1844	61.2	14.2	7.5	61.2	17.0	0.1	0.0	62.1	60.3
Singapore	2533	72.4	14.3	4.5	72.4	8.5	0.3	0.0	75.1	69.8
Slovenia	1727	68.0	8.6	9.2	68.0	13.9	0.2	0.1	70.6	65.2
Sweden	1528	69.0	16.7	2.8	69.0	11.1	0.2	0.3	69.2	68.8
United Arab Emirates	6145	46.9	21.1	13.0	46.9	18.3	0.5	0.2	50.1	43.9
United States	1621	73.6	10.8	4.9	73.6	10.4	0.1	0.1	74.6	72.7
International Avg. (14)	29288	64.9	15.6	6.2	64.9	12.8	0.4	0.1	66.5	63.3
Abu Dhabi, UAE	1566	41.8	21.3	15.6	41.8	20.1	0.6	0.5	47.7	36.5
Dubai, UAE	2973	58.5	17.8	7.7	58.5	15.7	0.3	0.0	60.3	56.9

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Make Straightforward Inferences
E11Z09C: What map shows - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	72.9	23.9	3.2	0.1	23.9	25.7	22.2
Chinese Taipei	1719	79.8	14.7	5.5	0.0	14.7	13.5	15.9
Denmark	1001	55.0	43.3	1.6	0.1	43.3	48.5	38.1
Georgia	2231	59.5	31.7	8.8	0.0	31.7	33.6	29.7
Ireland	983	73.1	24.5	2.4	0.0	24.5	24.7	24.3
Israel	1542	76.7	19.9	3.4	0.1	19.9	19.6	20.3
Italy	1502	72.1	23.3	4.3	0.2	23.3	23.3	23.3
Norway (5)	1442	62.7	35.9	1.3	0.0	35.9	38.9	32.9
Portugal	1844	65.6	32.5	1.9	0.0	32.5	33.2	31.8
Singapore	2533	64.4	33.8	1.7	0.1	33.8	36.8	30.9
Slovenia	1727	58.1	38.4	3.5	0.1	38.4	41.8	34.9
Sweden	1528	57.2	39.1	3.4	0.3	39.1	39.4	38.7
United Arab Emirates	6145	77.5	18.4	3.9	0.2	18.4	20.2	16.7
United States	1621	68.9	29.9	1.1	0.1	29.9	31.1	28.6
International Avg. (14)	29287	67.4	29.2	3.3	0.1	29.2	30.7	27.7
Abu Dhabi, UAE	1566	80.8	14.0	4.7	0.5	14.0	15.8	12.3
Dubai, UAE	2973	70.6	26.7	2.8	0.0	26.7	27.7	25.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
Percent right for boys and girls corresponds to percent obtaining full credit on the item.
Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
E11Z10M: Why writer uses "feast" - 1 Point - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	60.9	12.7	16.5	9.1	60.9	0.5	0.3	59.6	62.1
Chinese Taipei	1719	73.3	5.9	15.1	4.7	73.3	0.9	0.0	74.8	71.9
Denmark	1001	64.1	11.6	9.5	13.9	64.1	0.9	0.1	65.1	63.0
Georgia	2232	20.5	21.7	24.7	31.1	20.5	1.6	0.4	19.1	22.0
Ireland	983	61.2	18.3	12.5	7.7	61.2	0.4	0.0	59.8	62.5
Israel	1542	60.2	7.1	16.4	15.2	60.2	0.9	0.2	60.8	59.5
Italy	1502	50.0	15.7	17.4	15.3	50.0	1.2	0.3	50.2	49.9
Norway (5)	1442	65.0	10.0	11.1	13.5	65.0	0.4	0.0	65.5	64.4
Portugal	1844	52.1	8.5	19.9	19.3	52.1	0.2	0.1	50.4	53.5
Singapore	2533	67.3	9.8	15.7	6.8	67.3	0.3	0.1	67.9	66.6
Slovenia	1727	54.3	8.4	21.8	14.5	54.3	0.9	0.1	58.8	49.7
Sweden	1528	69.5	6.7	8.5	14.1	69.5	0.9	0.3	66.8	72.3
United Arab Emirates	6145	36.0	16.6	26.2	19.7	36.0	1.0	0.5	39.3	32.9
United States	1621	64.0	13.2	14.7	7.5	64.0	0.3	0.3	65.8	62.4
International Avg. (14)	29288	57.0	11.9	16.4	13.7	57.0	0.7	0.2	57.4	56.6
Abu Dhabi, UAE	1566	30.2	19.2	26.7	21.6	30.2	1.1	1.2	34.4	26.5
Dubai, UAE	2973	48.9	13.4	20.2	16.8	48.9	0.7	0.1	50.5	47.3

DIFF = Percent correct
Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11Z11M: When babies born - 1 Point - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	83.0	9.5	83.0	4.6	2.1	0.5	0.3	85.8	80.5
Chinese Taipei	1719	93.4	1.0	93.4	5.2	0.4	0.0	0.0	94.2	92.7
Denmark	1001	84.6	8.9	84.6	4.5	1.2	0.6	0.1	90.0	79.1
Georgia	2232	76.7	12.9	76.7	6.2	2.9	1.0	0.4	80.6	72.6
Ireland	983	87.7	6.4	87.7	5.0	0.8	0.1	0.0	88.8	86.4
Israel	1542	83.3	10.0	83.3	4.5	1.7	0.2	0.2	86.2	80.2
Italy	1502	85.3	5.9	85.3	6.5	1.5	0.3	0.5	88.0	82.9
Norway (5)	1442	87.1	8.1	87.1	4.1	0.2	0.4	0.0	90.9	83.3
Portugal	1844	82.2	9.9	82.2	6.6	1.1	0.1	0.1	84.1	80.5
Singapore	2533	93.8	3.3	93.8	1.7	1.0	0.2	0.1	95.4	92.2
Slovenia	1727	87.7	5.7	87.7	5.2	1.3	0.0	0.1	89.9	85.4
Sweden	1528	87.9	7.0	87.9	3.2	1.0	0.4	0.4	91.3	84.5
United Arab Emirates	6145	67.0	16.3	67.0	13.0	2.6	0.5	0.5	70.5	63.7
United States	1621	88.3	6.5	88.3	3.1	1.7	0.2	0.3	91.5	85.3
International Avg. (14)	29288	84.9	8.0	84.9	5.2	1.4	0.3	0.2	87.7	82.1
Abu Dhabi, UAE	1566	58.5	19.3	58.5	16.4	4.0	0.6	1.2	64.9	52.7
Dubai, UAE	2973	81.2	10.3	81.2	7.1	1.1	0.2	0.1	83.6	78.9

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11Z12C: Difference between maps - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	31.8	62.5	5.4	0.3	62.5	61.6	63.3
Chinese Taipei	1719	39.0	50.9	10.1	0.0	50.9	53.0	48.8
Denmark	1001	27.4	64.9	7.6	0.1	64.9	66.2	63.5
Georgia	2231	36.9	40.0	22.3	0.7	40.0	39.7	40.3
Ireland	983	21.7	74.3	3.9	0.1	74.3	74.5	74.0
Israel	1542	34.9	59.3	5.6	0.2	59.3	60.6	57.9
Italy	1502	43.3	49.1	7.1	0.5	49.1	48.7	49.5
Norway (5)	1442	18.1	77.2	4.7	0.0	77.2	78.2	76.1
Portugal	1844	30.6	64.9	4.4	0.1	64.9	64.3	65.4
Singapore	2533	36.3	61.2	2.4	0.1	61.2	63.0	59.5
Slovenia	1727	42.5	48.2	9.2	0.1	48.2	50.8	45.5
Sweden	1528	22.9	70.9	5.7	0.4	70.9	73.4	68.4
United Arab Emirates	6145	51.1	40.4	7.9	0.6	40.4	42.9	37.9
United States	1621	28.0	70.3	1.4	0.3	70.3	71.6	69.1
International Avg. (14)	29287	33.2	59.6	7.0	0.3	59.6	60.6	58.5
Abu Dhabi, UAE	1566	58.0	32.2	8.4	1.4	32.2	36.7	28.1
Dubai, UAE	2973	37.1	57.2	5.6	0.1	57.2	58.0	56.4

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11Z13M: When animals reach rivers - 1 Point - Key: D

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	78.2	9.1	5.8	5.6	78.2	0.7	0.6	80.0	76.6
Chinese Taipei	1719	93.5	2.3	1.5	1.8	93.5	0.9	0.0	94.2	92.8
Denmark	1001	82.6	7.9	3.3	4.3	82.6	1.6	0.3	86.8	78.5
Georgia	2232	58.4	15.1	9.2	9.8	58.4	3.7	3.8	61.5	55.3
Ireland	983	87.0	5.6	4.3	2.6	87.0	0.3	0.1	88.7	85.2
Israel	1542	81.1	8.1	5.9	3.5	81.1	0.6	0.7	86.3	75.5
Italy	1502	76.9	10.4	5.2	5.1	76.9	1.7	0.8	79.4	74.8
Norway (5)	1442	80.0	8.7	7.0	3.6	80.0	0.6	0.0	83.2	76.7
Portugal	1844	74.9	9.3	7.8	7.3	74.9	0.4	0.1	77.2	73.0
Singapore	2533	89.9	3.5	3.6	2.7	89.9	0.2	0.1	91.5	88.3
Slovenia	1727	75.7	11.7	7.1	4.7	75.7	0.6	0.1	79.0	72.4
Sweden	1528	83.9	7.9	3.7	3.7	83.9	0.3	0.5	86.7	81.0
United Arab Emirates	6145	63.7	14.8	11.1	7.9	63.7	1.1	1.3	68.5	59.0
United States	1621	84.6	6.3	4.6	3.6	84.6	0.5	0.5	88.1	81.2
International Avg. (14)	29288	79.3	8.6	5.7	4.7	79.3	1.0	0.6	82.2	76.4
Abu Dhabi, UAE	1566	53.4	17.9	14.2	11.1	53.4	1.3	2.1	59.7	47.7
Dubai, UAE	2973	78.4	9.9	5.4	5.1	78.4	0.6	0.5	80.4	76.6

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Make Straightforward Inferences
 E11Z14C: How Mara River is good and bad - 2 Points

COUNTRY	N	0 %	1 %	2 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	9.4	30.3	56.2	3.4	0.7	86.5	56.2	57.3	55.3
Chinese Taipei	1719	15.0	31.5	48.8	4.7	0.0	80.3	48.8	50.3	47.4
Denmark	1001	3.6	17.7	77.7	0.7	0.3	95.4	77.7	76.9	78.5
Georgia	2231	14.2	24.0	45.6	12.0	4.1	69.6	45.6	46.3	45.0
Ireland	983	5.0	20.1	73.3	1.5	0.1	93.4	73.3	75.7	70.8
Israel	1542	12.1	21.9	59.9	5.5	0.7	81.7	59.9	62.6	56.9
Italy	1502	9.8	30.6	53.7	5.0	0.9	84.3	53.7	56.2	51.5
Norway (5)	1442	6.3	18.7	73.1	1.8	0.1	91.8	73.1	79.9	66.2
Portugal	1844	10.2	25.8	60.2	3.6	0.1	86.1	60.2	60.6	59.9
Singapore	2533	6.1	13.4	79.1	1.2	0.1	92.5	79.1	80.8	77.5
Slovenia	1727	12.1	25.1	58.3	4.5	0.1	83.4	58.3	61.8	54.7
Sweden	1528	4.6	19.8	73.0	2.1	0.5	92.8	73.0	73.1	72.9
United Arab Emirates	6145	31.0	18.5	41.9	6.9	1.6	60.5	41.9	46.8	37.3
United States	1621	9.2	19.6	69.2	1.5	0.5	88.8	69.2	70.3	68.1
International Avg. (14)	29287	10.6	22.7	62.1	3.9	0.7	84.8	62.1	64.2	60.1
Abu Dhabi, UAE	1566	40.6	18.2	29.6	9.3	2.4	47.8	29.6	34.6	25.1
Dubai, UAE	2973	15.8	17.3	62.7	3.5	0.6	80.0	62.7	65.0	60.5

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Focus On and Retrieve Explicitly Stated Information
 E11Z15M: How hyenas catch prey - 1 Point - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	67.6	4.6	67.6	14.3	12.0	0.4	1.1	66.0	69.0
Chinese Taipei	1719	62.1	2.8	62.1	13.2	21.8	0.1	0.0	58.5	65.5
Denmark	1001	74.3	4.2	74.3	8.2	11.9	1.0	0.3	71.8	76.9
Georgia	2232	47.5	9.6	47.5	17.1	15.8	3.2	6.8	49.1	45.9
Ireland	983	71.2	4.2	71.2	11.3	12.5	0.4	0.3	69.2	73.3
Israel	1542	64.2	5.6	64.2	11.4	16.6	0.7	1.5	64.6	63.7
Italy	1502	63.0	4.3	63.0	16.8	13.2	1.3	1.5	60.8	64.9
Norway (5)	1442	76.5	3.4	76.5	11.6	8.0	0.3	0.2	72.7	80.4
Portugal	1844	59.3	4.7	59.3	15.7	18.8	1.0	0.5	54.3	63.6
Singapore	2533	76.9	2.9	76.9	9.8	10.1	0.2	0.1	75.5	78.1
Slovenia	1727	50.7	6.0	50.7	22.7	19.3	1.0	0.3	46.6	54.9
Sweden	1528	73.2	2.7	73.2	11.9	11.3	0.4	0.5	71.7	74.7
United Arab Emirates	6145	51.3	11.9	51.3	22.8	9.8	1.3	3.0	50.9	51.6
United States	1621	73.5	3.2	73.5	9.9	12.5	0.2	0.7	71.1	75.8
International Avg. (14)	29288	65.1	5.0	65.1	14.1	13.8	0.8	1.2	63.1	67.0
Abu Dhabi, UAE	1566	44.2	14.8	44.2	25.2	10.3	1.4	4.1	43.7	44.7
Dubai, UAE	2973	64.6	6.8	64.6	17.4	9.6	0.4	1.3	63.5	65.6

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11Z16C: How lions hunt compared to crocs - 2 Points

COUNTRY	N	0 %	1 %	2 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	20.1	32.5	40.5	5.7	1.2	73.0	40.5	39.5	41.3
Chinese Taipei	1719	22.2	35.9	34.1	7.8	0.0	70.0	34.1	34.0	34.1
Denmark	1001	12.1	27.6	56.5	3.2	0.6	84.1	56.5	56.7	56.4
Georgia	2231	27.7	25.8	21.4	16.5	8.7	47.1	21.4	22.5	20.2
Ireland	983	18.3	32.6	44.9	3.5	0.7	77.4	44.9	46.4	43.3
Israel	1542	28.6	28.2	33.1	8.2	1.9	61.3	33.1	34.2	31.9
Italy	1502	26.8	31.1	31.3	9.0	1.9	62.4	31.3	30.3	32.1
Norway (5)	1442	11.2	25.6	60.0	2.9	0.2	85.6	60.0	61.1	58.8
Portugal	1844	28.1	29.8	32.1	9.1	0.9	61.9	32.1	29.5	34.4
Singapore	2533	18.8	25.5	53.3	2.2	0.2	78.8	53.3	56.1	50.7
Slovenia	1727	27.7	33.1	32.1	6.8	0.4	65.2	32.1	32.9	31.3
Sweden	1528	12.1	27.1	54.9	5.4	0.5	82.0	54.9	55.8	53.9
United Arab Emirates	6145	48.2	20.0	18.5	9.6	3.6	38.6	18.5	20.2	16.9
United States	1621	22.0	30.1	45.2	2.1	0.7	75.3	45.2	45.5	44.8
International Avg. (14)	29287	23.1	28.9	39.8	6.6	1.5	68.8	39.8	40.3	39.3
Abu Dhabi, UAE	1566	55.9	16.4	12.3	10.8	4.7	28.6	12.3	15.5	9.4
Dubai, UAE	2973	32.9	27.7	32.1	5.9	1.3	59.8	32.1	33.0	31.2

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Evaluate and Critique Content and Textual Elements
 E11Z17C: What words and maps add - 1 Point

COUNTRY	N	0 %	1 %	OMITTED %	NOT REACHED %	V1 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	40.7	47.4	9.8	2.1	47.4	47.5	47.3
Chinese Taipei	1719	81.7	7.0	11.1	0.2	7.0	7.3	6.7
Denmark	1001	52.5	38.5	7.7	1.3	38.5	40.0	37.0
Georgia	2231	32.4	34.6	17.9	15.0	34.6	36.3	32.9
Ireland	983	55.5	34.1	9.1	1.2	34.1	36.2	32.0
Israel	1542	43.4	43.7	8.3	4.6	43.7	46.3	40.9
Italy	1502	33.7	50.8	11.9	3.6	50.8	53.8	48.3
Norway (5)	1442	41.5	44.5	13.1	0.8	44.5	46.4	42.7
Portugal	1844	69.4	15.0	12.0	3.6	15.0	15.6	14.5
Singapore	2533	53.1	41.3	5.3	0.2	41.3	47.4	35.6
Slovenia	1727	57.1	23.3	18.6	1.0	23.3	25.0	21.7
Sweden	1528	36.6	48.3	14.2	0.9	48.3	52.5	44.0
United Arab Emirates	6145	73.7	8.6	11.0	6.7	8.6	9.3	7.9
United States	1621	39.5	55.7	3.3	1.5	55.7	59.4	52.3
International Avg. (14)	29287	50.8	35.2	11.0	3.0	35.2	37.3	33.1
Abu Dhabi, UAE	1566	74.2	5.6	12.0	8.2	5.6	6.9	4.3
Dubai, UAE	2973	74.2	14.3	8.6	2.8	14.3	14.7	13.9

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Make Straightforward Inferences
 E11Z18M: Which website discusses threats - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	D %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	65.1	13.2	2.7	65.1	14.7	1.0	3.2	66.0	64.4
Chinese Taipei	1719	51.1	25.5	4.8	51.1	16.4	1.8	0.4	50.9	51.3
Denmark	1001	78.4	7.9	2.0	78.4	8.4	0.8	2.5	79.1	77.7
Georgia	2232	31.9	15.6	6.8	31.9	23.0	2.6	20.1	33.2	30.5
Ireland	983	73.2	8.1	1.5	73.2	14.4	0.9	1.9	71.0	75.5
Israel	1542	70.6	8.3	4.2	70.6	8.4	1.5	7.0	72.7	68.3
Italy	1502	69.0	11.1	3.9	69.0	10.0	1.0	4.9	71.6	66.8
Norway (5)	1442	61.5	9.8	2.8	61.5	23.5	0.5	1.9	61.1	61.9
Portugal	1844	64.4	12.6	3.4	64.4	13.4	1.1	5.0	61.0	67.5
Singapore	2533	74.5	7.9	2.8	74.5	13.4	0.9	0.5	74.8	74.2
Slovenia	1727	66.2	13.6	3.8	66.2	12.5	1.8	2.1	66.5	65.9
Sweden	1528	77.8	7.3	6.5	77.8	5.6	0.8	1.9	77.9	77.8
United Arab Emirates	6145	42.8	18.1	7.9	42.8	17.8	3.5	9.9	45.5	40.1
United States	1621	68.1	10.1	1.9	68.1	16.7	1.3	1.9	66.5	69.7
International Avg. (14)	29288	63.9	12.1	3.9	63.9	14.2	1.4	4.5	64.1	63.7
Abu Dhabi, UAE	1566	35.0	21.0	9.1	35.0	19.0	4.3	11.6	39.0	31.4
Dubai, UAE	2973	55.5	13.6	5.7	55.5	17.9	2.7	4.6	57.1	54.1

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11Z19C: Why difficult to catch baby zebra - 2 Points

COUNTRY	N	0 %	1 %	2 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	29.8	35.4	24.5	6.8	3.5	59.9	24.5	28.7	20.6
Chinese Taipei	1719	33.7	37.2	18.2	10.4	0.6	55.4	18.2	21.5	15.0
Denmark	1001	24.3	40.9	26.8	5.1	2.9	67.8	26.8	32.4	21.2
Georgia	2231	33.4	22.8	5.9	16.7	21.3	28.6	5.9	6.5	5.2
Ireland	983	27.6	34.6	30.7	5.1	2.0	65.3	30.7	35.5	25.8
Israel	1542	26.4	36.5	21.7	7.8	7.7	58.2	21.7	23.8	19.5
Italy	1502	36.2	34.3	16.0	8.6	5.0	50.2	16.0	16.4	15.6
Norway (5)	1442	27.0	38.1	28.4	4.5	2.0	66.5	28.4	33.2	23.5
Portugal	1844	40.1	35.4	10.4	8.6	5.5	45.9	10.4	12.1	9.0
Singapore	2533	22.5	32.3	41.7	2.9	0.7	73.9	41.7	46.7	37.0
Slovenia	1727	45.1	29.1	15.5	7.8	2.5	44.6	15.5	16.3	14.7
Sweden	1528	27.2	37.5	26.1	6.9	2.4	63.5	26.1	31.6	20.5
United Arab Emirates	6145	49.0	18.7	11.6	9.6	11.2	30.3	11.6	13.0	10.3
United States	1621	32.6	35.3	27.0	2.8	2.4	62.2	27.0	29.4	24.7
International Avg. (14)	29287	32.5	33.4	21.7	7.4	5.0	55.2	21.7	24.8	18.7
Abu Dhabi, UAE	1566	56.5	13.8	6.1	10.8	12.8	19.9	6.1	7.2	5.1
Dubai, UAE	2973	34.2	29.8	23.7	7.0	5.2	53.5	23.7	27.0	20.6

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11Z20C: Match animal and predator avoidance (DERIVED) - 2 Points

COUNTRY	N	0 %	1 %	2 %	OMITTED %	NOT REACHED %	V1 %	V2 %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	19.3	31.5	40.0	2.6	6.7	71.5	40.0	40.0	40.0
Chinese Taipei	1719	14.3	36.6	45.0	0.4	3.8	81.6	45.0	44.9	45.1
Denmark	1001	10.6	30.1	51.5	2.1	5.7	81.6	51.5	49.0	54.1
Georgia	2232	31.1	21.2	13.3	5.4	29.0	34.5	13.3	13.5	13.1
Ireland	983	19.4	26.6	49.1	1.1	3.9	75.6	49.1	52.6	45.4
Israel	1542	25.8	27.6	32.5	2.4	11.7	60.2	32.5	33.5	31.5
Italy	1502	21.9	31.8	32.0	3.9	10.4	63.8	32.0	33.2	30.9
Norway (5)	1442	16.0	31.1	48.0	0.7	4.2	79.1	48.0	50.1	45.9
Portugal	1844	32.9	28.3	26.2	2.3	10.3	54.5	26.2	23.9	28.1
Singapore	2533	13.6	20.3	63.7	0.6	1.8	84.0	63.7	64.9	62.5
Slovenia	1727	24.1	31.4	35.5	3.3	5.6	67.0	35.5	35.4	35.7
Sweden	1528	15.0	25.7	52.1	1.5	5.6	77.8	52.1	54.7	49.5
United Arab Emirates	6145	40.0	18.7	20.9	4.0	16.4	39.6	20.9	21.5	20.4
United States	1621	16.8	27.0	51.4	1.0	3.8	78.4	51.4	49.4	53.4
International Avg. (14)	29288	21.5	27.7	40.1	2.2	8.5	67.8	40.1	40.5	39.7
Abu Dhabi, UAE	1566	47.3	14.3	14.9	5.1	18.4	29.2	14.9	15.4	14.5
Dubai, UAE	2973	26.0	24.6	37.8	3.0	8.6	62.4	37.8	38.9	36.7

V1 = Percent scoring 1 or better; V2 = Percent scoring 2 or better; V3 = Percent scoring 3 or better
 Percent right for boys and girls corresponds to percent obtaining full credit on the item.
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11Z20MA: Match animal (Lives in herds) - 1 Point - Key: C

COUNTRY	N	DIFF %	A %	B %	C %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	77.6	7.6	3.9	77.6	4.2	6.7	76.9	78.2
Chinese Taipei	1719	85.9	6.2	3.0	85.9	1.1	3.8	85.5	86.2
Denmark	1001	84.8	5.5	0.8	84.8	3.3	5.7	84.3	85.2
Georgia	2232	43.8	12.1	4.2	43.8	10.9	29.0	41.5	46.1
Ireland	983	79.3	10.1	3.2	79.3	3.5	3.9	81.0	77.4
Israel	1542	63.4	17.2	4.0	63.4	3.8	11.7	64.2	62.5
Italy	1502	68.6	11.8	2.7	68.6	6.5	10.4	70.7	66.7
Norway (5)	1442	78.1	11.5	4.7	78.1	1.5	4.2	79.6	76.6
Portugal	1844	59.6	21.1	5.2	59.6	3.8	10.3	60.3	59.1
Singapore	2533	83.1	10.3	3.5	83.1	1.2	1.8	84.1	82.2
Slovenia	1727	69.0	14.3	6.4	69.0	4.6	5.6	70.5	67.6
Sweden	1528	77.7	9.8	3.5	77.7	3.4	5.6	79.4	76.0
United Arab Emirates	6145	44.7	20.4	9.3	44.7	9.2	16.4	46.2	43.3
United States	1621	81.0	9.2	3.6	81.0	2.5	3.8	79.9	82.1
International Avg. (14)	29288	71.2	11.9	4.1	71.2	4.2	8.5	71.7	70.7
Abu Dhabi, UAE	1566	34.6	24.0	11.0	34.6	11.9	18.4	37.4	32.1
Dubai, UAE	2973	64.7	16.2	5.1	64.7	5.5	8.6	65.3	64.1

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11Z20MB: Match animal (Kicks predators) - 1 Point - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	61.7	61.7	15.1	11.2	5.2	6.7	61.4	62.0
Chinese Taipei	1719	75.6	75.6	8.8	8.5	3.4	3.8	73.4	77.7
Denmark	1001	71.9	71.9	10.9	9.0	2.6	5.7	71.0	72.7
Georgia	2232	26.9	26.9	17.2	13.4	13.5	29.0	24.1	29.9
Ireland	983	71.3	71.3	12.3	8.8	3.7	3.9	72.0	70.5
Israel	1542	50.9	50.9	18.8	13.8	4.7	11.7	50.7	51.1
Italy	1502	50.3	50.3	16.6	14.1	8.6	10.4	51.7	49.0
Norway (5)	1442	70.6	70.6	13.9	9.1	2.2	4.2	71.4	69.8
Portugal	1844	43.5	43.5	24.4	15.9	5.9	10.3	43.5	43.5
Singapore	2533	81.8	81.8	8.8	6.0	1.5	1.8	82.6	81.1
Slovenia	1727	54.9	54.9	18.8	14.5	6.2	5.6	56.4	53.3
Sweden	1528	73.7	73.7	10.0	7.3	3.4	5.6	74.4	72.9
United Arab Emirates	6145	43.2	43.2	18.1	12.0	10.3	16.4	42.7	43.7
United States	1621	72.1	72.1	11.1	8.7	4.3	3.8	71.6	72.6
International Avg. (14)	29288	60.6	60.6	14.6	10.9	5.4	8.5	60.5	60.7
Abu Dhabi, UAE	1566	34.4	34.4	20.3	14.2	12.7	18.4	35.7	33.2
Dubai, UAE	2973	60.2	60.2	15.5	9.3	6.4	8.6	60.4	60.0

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11Z20MC: Match animal (Uses horns) - 1 Point - Key: B

COUNTRY	N	DIFF %	A %	B %	C %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	80.7	3.2	80.7	2.1	7.2	6.7	79.8	81.6
Chinese Taipei	1719	88.6	2.2	88.6	2.3	3.2	3.8	87.5	89.6
Denmark	1001	87.8	1.6	87.8	1.8	3.1	5.7	86.1	89.5
Georgia	2232	47.7	4.8	47.7	4.1	14.5	29.0	46.6	48.7
Ireland	983	84.3	3.3	84.3	2.9	5.7	3.9	86.6	82.0
Israel	1542	74.7	3.0	74.7	3.9	6.6	11.7	76.0	73.3
Italy	1502	74.6	2.7	74.6	2.8	9.4	10.4	75.4	73.8
Norway (5)	1442	89.2	1.6	89.2	2.5	2.6	4.2	91.1	87.2
Portugal	1844	73.9	2.9	73.9	5.0	7.9	10.3	72.4	75.3
Singapore	2533	91.8	2.3	91.8	2.2	1.8	1.8	91.4	92.2
Slovenia	1727	81.2	2.4	81.2	3.3	7.5	5.6	81.3	81.1
Sweden	1528	87.2	1.4	87.2	2.1	3.6	5.6	87.3	87.2
United Arab Emirates	6145	54.4	8.0	54.4	7.7	13.5	16.4	54.3	54.5
United States	1621	88.0	2.4	88.0	1.5	4.4	3.8	88.4	87.6
International Avg. (14)	29288	78.9	3.0	78.9	3.2	6.5	8.5	78.9	78.8
Abu Dhabi, UAE	1566	47.0	9.4	47.0	8.3	16.9	18.4	48.5	45.6
Dubai, UAE	2973	73.9	4.4	73.9	4.6	8.5	8.6	72.8	74.9

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.

Zebra and Wildebeest Migration: Acquire and Use Information / Interpret and Integrate Ideas and Information
 E11Z20MD: Match animal (Confuse predators) - 1 Point - Key: A

COUNTRY	N	DIFF %	A %	B %	C %	OMITTED %	NOT REACHED %	1.GIRL % RIGHT	2.BOY % RIGHT
Canada	3469	62.7	62.7	5.4	20.6	4.6	6.7	60.3	64.9
Chinese Taipei	1719	61.1	61.1	5.7	27.1	2.3	3.8	62.7	59.7
Denmark	1001	69.2	69.2	3.7	18.1	3.4	5.7	66.2	72.2
Georgia	2232	35.3	35.3	5.4	18.0	12.4	29.0	36.0	34.5
Ireland	983	68.1	68.1	6.2	18.3	3.5	3.9	69.2	67.1
Israel	1542	60.4	60.4	7.0	16.6	4.4	11.7	60.9	59.8
Italy	1502	61.2	61.2	4.2	17.2	6.9	10.4	63.6	59.1
Norway (5)	1442	71.6	71.6	4.7	17.2	2.4	4.2	72.7	70.4
Portugal	1844	57.0	57.0	8.0	19.7	5.0	10.3	52.3	61.1
Singapore	2533	79.1	79.1	3.4	14.4	1.3	1.8	79.2	79.0
Slovenia	1727	65.8	65.8	5.4	16.9	6.3	5.6	64.1	67.5
Sweden	1528	69.8	69.8	3.6	17.3	3.7	5.6	69.4	70.2
United Arab Emirates	6145	41.5	41.5	11.8	18.5	11.7	16.4	41.2	41.9
United States	1621	69.3	69.3	4.7	19.3	3.0	3.8	67.5	71.0
International Avg. (14)	29288	62.3	62.3	5.7	18.5	5.1	8.5	61.8	62.7
Abu Dhabi, UAE	1566	35.7	35.7	13.5	17.1	15.2	18.4	36.8	34.7
Dubai, UAE	2973	58.5	58.5	8.1	18.1	6.7	8.6	56.9	60.0

DIFF = Percent correct
 Because of missing gender information, some totals may appear inconsistent.