



The Giant Tooth Mystery 4th Grade PIRLS 2011 Item Statistics

Percent Correct Statistics
for PIRLS 2011 Released
Items



IEA

TIMSS & PIRLS
International Study Center



BOSTON COLLEGE
Lynch School of Education

Percent Correct Statistics for PIRLS 2011 Released Items

R31G01M (Giant Tooth): What is a fossil

Multiple Choice (Key is C)

Country	Percent Correct
Netherlands	95 (1.0) ⬆
Italy	92 (1.1) ⬆
Hong Kong SAR	92 (1.1) ⬆
Sweden	90 (1.2) ⬆
Spain	90 (1.1) ⬆
Finland	89 (1.3) ⬆
Slovenia	87 (1.0) ⬆
Israel	87 (1.4) ⬆
Chinese Taipei	86 (1.5) ⬆
Croatia	85 (1.4) ⬆
United States	85 (0.9) ⬆
Germany	85 (1.5) ⬆
Hungary	83 (1.5) ⬆
England	83 (1.5) ⬆
Northern Ireland	82 (1.7) ⬆
Georgia	82 (1.7) ⬆
Russian Federation	82 (1.9) ⬆
Canada	82 (1.3) ⬆
Australia	82 (1.3) ⬆
Ireland	82 (2.0) ⬆
Austria	81 (1.4) ⬆
Lithuania	81 (1.9) ⬆
Portugal	80 (2.4) ⬆
Romania	80 (1.7) ⬆
Bulgaria	80 (2.0) ⬆
New Zealand	76 (1.3)
Norway	76 (2.1)
Denmark	76 (1.5)
Czech Republic	75 (1.7)
International Avg.	75 (0.3)
Singapore	75 (1.5)
Slovak Republic	73 (1.8)
Poland	68 (1.5) ⬇
Indonesia	68 (2.2) ⬇
Belgium (French)	67 (1.8) ⬇
France	64 (2.0) ⬇
Malta	64 (1.7) ⬇
United Arab Emirates	63 (1.1) ⬇
Qatar	58 (2.2) ⬇
Trinidad and Tobago	56 (1.9) ⬇
Azerbaijan	52 (2.2) ⬇
Iran, Islamic Rep. of	52 (1.8) ⬇
Colombia	51 (2.7) ⬇
Saudi Arabia	49 (2.5) ⬇
Oman	45 (1.6) ⬇
Morocco	42 (2.4) ⬇
Sixth Grade Participants	
Botswana	71 (1.8) ⬇
Kuwait	66 (2.2) ⬇
Morocco	57 (2.5) ⬇
Honduras	53 (2.6) ⬇
Benchmarking Participants	
Andalusia, Spain	93 (0.9) ⬆
Florida, US	89 (1.4) ⬆
Alberta, Canada	87 (1.4) ⬆
Ontario, Canada	83 (1.6) ⬆
Quebec, Canada	78 (1.7)
Maltese - Malta	73 (1.7)
Dubai, UAE	68 (1.9) ⬇
Abu Dhabi, UAE	58 (2.0) ⬇
Eng/Afr (5) - RSA	55 (3.2) ⬇

⬆ Percent significantly higher than international average

⬇ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G02C (Giant Tooth): Why people believed in giants

Constructed Response (1 Point)

Country	Percent Correct
Singapore	81 (1.3) ●
Chinese Taipei	77 (1.4) ●
Hong Kong SAR	76 (1.5) ●
Netherlands	75 (1.5) ●
Sweden	67 (1.8) ●
Germany	67 (2.1) ●
Portugal	64 (2.1) ●
Russian Federation	64 (1.9) ●
England	63 (1.9) ●
Northern Ireland	62 (2.5) ●
Ireland	62 (2.0) ●
Israel	61 (1.8) ●
Slovenia	61 (1.8) ●
Denmark	61 (1.7) ●
Austria	61 (2.4) ●
Bulgaria	60 (2.4) ●
Slovak Republic	60 (1.9) ●
Czech Republic	60 (2.6) ●
Italy	59 (1.6) ●
New Zealand	59 (1.6) ●
Croatia	58 (2.1) ●
Australia	58 (2.1) ●
Spain	57 (1.8) ●
Canada	57 (1.3) ●
Hungary	56 (1.8)
Malta	55 (1.8)
France	53 (1.8)
International Avg.	53 (0.3)
Norway	51 (2.2)
Georgia	50 (1.9)
Finland	48 (2.0) ▼
United States	45 (1.4) ▼
Saudi Arabia	44 (2.8) ▼
Poland	43 (1.6) ▼
Trinidad and Tobago	43 (1.9) ▼
Qatar	42 (1.8) ▼
Indonesia	41 (1.9) ▼
Romania	41 (2.3) ▼
Belgium (French)	38 (2.5) ▼
United Arab Emirates	36 (1.2) ▼
Iran, Islamic Rep. of	35 (2.1) ▼
Azerbaijan	35 (2.2) ▼
Colombia	29 (2.4) ▼
Lithuania	29 (1.7) ▼
Oman	28 (1.6) ▼
Morocco	26 (1.5) ▼
Sixth Grade Participants	
Morocco	58 (2.2) ●
Botswana	52 (2.0)
Honduras	35 (2.2) ▼
Kuwait	21 (1.9) ▼
Benchmarking Participants	
Ontario, Canada	61 (2.4) ●
Alberta, Canada	58 (2.2) ●
Maltese - Malta	52 (2.0)
Andalusia, Spain	52 (2.2)
Florida, US	51 (2.4)
Dubai, UAE	49 (1.3) ▼
Quebec, Canada	45 (1.9) ▼
Eng/Afr (5) - RSA	40 (2.3) ▼
Abu Dhabi, UAE	32 (2.5) ▼

● Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G03M (Giant Tooth): Where Palissy found fossils

Multiple Choice (Key is B)

Country	Percent Correct
Croatia	87 (1.3) ●
Hong Kong SAR	86 (1.4) ●
Singapore	83 (1.2) ●
Ireland	83 (1.5) ●
Finland	83 (1.4) ●
Northern Ireland	82 (1.6) ●
Portugal	79 (2.1) ●
United States	78 (1.0) ●
Denmark	78 (1.4) ●
Russian Federation	77 (1.7) ●
Germany	77 (1.7) ●
Slovenia	77 (1.6) ●
England	77 (1.8) ●
Czech Republic	77 (1.9) ●
Italy	76 (1.6) ●
Sweden	76 (1.8) ●
Chinese Taipei	76 (1.7) ●
Canada	75 (1.1) ●
Austria	75 (1.4) ●
Hungary	74 (1.8) ●
Israel	74 (1.8)
Netherlands	73 (1.5)
Iran, Islamic Rep. of	73 (1.5)
Romania	72 (2.4)
New Zealand	72 (1.3)
Bulgaria	71 (1.9)
Australia	71 (1.7)
Norway	71 (2.1)
International Avg.	71 (0.3)
Malta	70 (1.6)
Lithuania	70 (1.6)
Poland	70 (1.7)
Slovak Republic	69 (1.8)
Azerbaijan	68 (1.8)
Spain	65 (2.1) ▼
France	65 (1.9) ▼
Georgia	63 (1.8) ▼
United Arab Emirates	62 (1.3) ▼
Trinidad and Tobago	61 (2.3) ▼
Qatar	60 (2.1) ▼
Saudi Arabia	60 (2.2) ▼
Belgium (French)	60 (1.6) ▼
Oman	54 (1.3) ▼
Colombia	51 (2.4) ▼
Indonesia	50 (2.1) ▼
Morocco	27 (1.6) ▼
Sixth Grade Participants	
Botswana	65 (1.8) ▼
Kuwait	62 (1.9) ▼
Honduras	48 (3.0) ▼
Morocco	46 (2.2) ▼
Benchmarking Participants	
Florida, US	81 (1.7) ●
Alberta, Canada	80 (1.5) ●
Ontario, Canada	76 (1.9) ●
Quebec, Canada	74 (1.7)
Dubai, UAE	72 (2.1)
Andalusia, Spain	69 (1.7)
Maltese - Malta	65 (2.0) ▼
Abu Dhabi, UAE	58 (2.1) ▼
Eng/Afr (5) - RSA	54 (2.2) ▼

● Percent significantly higher than international average

▼ Percent significantly lower than international average

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SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G04C (Giant Tooth): What was Palissy's new idea

Constructed Response (1 Point)

Country	Percent Correct
Hong Kong SAR	60 (2.1) ●
Chinese Taipei	55 (1.7) ●
Russian Federation	44 (2.3) ●
Singapore	42 (1.7) ●
Hungary	40 (1.6) ●
Czech Republic	39 (2.6) ●
Finland	38 (2.0) ●
Slovak Republic	29 (1.7) ●
Northern Ireland	29 (2.0) ●
Azerbaijan	29 (2.3)
England	28 (1.8) ●
Italy	28 (1.8)
Germany	28 (1.9)
Israel	28 (1.9)
Croatia	28 (1.7)
Bulgaria	27 (2.0)
Ireland	26 (2.0)
Slovenia	26 (1.8)
Canada	25 (1.1)
International Avg.	25 (0.2)
Iran, Islamic Rep. of	24 (1.6)
Netherlands	24 (1.6)
United States	24 (1.0)
Portugal	23 (1.6)
Sweden	23 (1.5)
Denmark	21 (1.7) ▼
Romania	21 (2.0)
Australia	21 (1.4) ▼
Lithuania	21 (1.5) ▼
Qatar	19 (1.6) ▼
Saudi Arabia	19 (1.7) ▼
Austria	18 (1.4) ▼
Georgia	18 (1.8) ▼
Malta	17 (1.3) ▼
New Zealand	17 (1.2) ▼
Norway	17 (1.4) ▼
France	17 (1.4) ▼
United Arab Emirates	16 (0.7) ▼
Oman	15 (1.1) ▼
Trinidad and Tobago	15 (1.5) ▼
Poland	14 (1.3) ▼
Spain	12 (0.9) ▼
Morocco	12 (0.9) ▼
Belgium (French)	11 (1.7) ▼
Indonesia	11 (1.4) ▼
Colombia	9 (1.4) ▼
Sixth Grade Participants	
Morocco	39 (2.7) ●
Kuwait	17 (1.8) ▼
Botswana	15 (1.3) ▼
Honduras	9 (1.5) ▼
Benchmarking Participants	
Ontario, Canada	27 (2.2)
Florida, US	25 (2.3)
Alberta, Canada	23 (1.8)
Quebec, Canada	23 (2.1)
Dubai, UAE	21 (1.3) ▼
Abu Dhabi, UAE	13 (1.3) ▼
Eng/Afr (5) - RSA	12 (1.6) ▼
Andalusia, Spain	12 (1.2) ▼
Maltese - Malta	10 (1.1) ▼

● Percent significantly higher than international average

▼ Percent significantly lower than international average

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SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G05M (Giant Tooth): Why Palissy was imprisoned

Multiple Choice (Key is A)

Country	Percent Correct
Chinese Taipei	70 (1.8) ⬆
Denmark	68 (1.4) ⬆
Hong Kong SAR	66 (1.8) ⬆
Finland	66 (1.8) ⬆
Italy	66 (1.9) ⬆
Netherlands	66 (1.9) ⬆
Ireland	65 (2.0) ⬆
Czech Republic	63 (2.2) ⬆
Portugal	63 (2.3) ⬆
Singapore	61 (1.5) ⬆
England	61 (2.2) ⬆
Hungary	60 (1.8) ⬆
United States	60 (1.2) ⬆
Northern Ireland	59 (2.6) ⬆
Bulgaria	59 (1.9) ⬆
Sweden	58 (2.0) ⬆
Canada	58 (1.6) ⬆
Slovak Republic	58 (1.5) ⬆
Israel	57 (1.7) ⬆
Austria	57 (1.7) ⬆
New Zealand	57 (1.6)
Russian Federation	56 (1.7)
Australia	55 (1.7)
Croatia	55 (1.8)
Spain	54 (1.9)
International Avg.	54 (0.3)
Germany	53 (1.8)
Georgia	52 (2.0)
Romania	52 (2.4)
Poland	51 (1.7)
Norway	49 (2.2) ⬇
Iran, Islamic Rep. of	49 (1.7) ⬇
Lithuania	49 (1.7) ⬇
France	48 (1.8) ⬇
United Arab Emirates	48 (1.3) ⬇
Malta	45 (1.9) ⬇
Belgium (French)	45 (2.8) ⬇
Saudi Arabia	44 (2.2) ⬇
Azerbaijan	44 (2.4) ⬇
Indonesia	42 (2.2) ⬇
Qatar	42 (1.8) ⬇
Oman	40 (1.7) ⬇
Slovenia	39 (2.0) ⬇
Trinidad and Tobago	38 (2.0) ⬇
Morocco	35 (2.1) ⬇
Colombia	32 (2.1) ⬇
Sixth Grade Participants	
Morocco	51 (2.1)
Botswana	46 (1.9) ⬇
Honduras	44 (2.8) ⬇
Kuwait	44 (2.4) ⬇
Benchmarking Participants	
Florida, US	66 (2.4) ⬆
Quebec, Canada	59 (2.2) ⬆
Ontario, Canada	59 (2.3) ⬆
Andalusia, Spain	56 (1.7)
Alberta, Canada	56 (2.3)
Dubai, UAE	51 (2.2)
Maltese - Malta	48 (2.2) ⬇
Abu Dhabi, UAE	45 (2.3) ⬇
Eng/Afr (5) - RSA	43 (2.6) ⬇

⬆ Percent significantly higher than international average

⬇ Percent significantly lower than international average

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SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G06M (Giant Tooth): Who found the fossil tooth

Multiple Choice (Key is B)

Country	Percent Correct	
Russian Federation	87 (1.0)	⬤
Ireland	85 (1.4)	⬤
Hong Kong SAR	84 (1.5)	⬤
Croatia	83 (1.3)	⬤
Singapore	82 (1.4)	⬤
Lithuania	81 (1.8)	⬤
Northern Ireland	81 (1.9)	⬤
Czech Republic	81 (1.8)	⬤
Slovak Republic	79 (1.6)	⬤
Italy	78 (1.5)	⬤
Denmark	78 (1.3)	⬤
Bulgaria	77 (2.1)	⬤
Germany	77 (1.4)	⬤
Finland	76 (1.4)	⬤
Chinese Taipei	76 (1.6)	⬤
England	75 (1.8)	⬤
Canada	74 (1.2)	⬤
Austria	73 (1.7)	⬤
France	73 (1.7)	⬤
United States	73 (1.0)	⬤
Malta	73 (1.6)	⬤
Sweden	72 (1.7)	⬤
New Zealand	70 (1.6)	
Australia	69 (1.5)	
Portugal	68 (2.2)	
Poland	68 (1.6)	
Hungary	68 (1.8)	
Israel	68 (2.0)	
International Avg.	68 (0.3)	
Slovenia	67 (1.9)	
Spain	67 (1.9)	
Belgium (French)	66 (2.0)	
Norway	66 (2.7)	
Netherlands	65 (2.3)	
Trinidad and Tobago	65 (2.0)	
Romania	64 (2.1)	
Georgia	59 (1.8)	⬥
Azerbaijan	55 (2.1)	⬥
United Arab Emirates	52 (1.2)	⬥
Colombia	51 (2.7)	⬥
Qatar	48 (1.7)	⬥
Indonesia	44 (2.3)	⬥
Iran, Islamic Rep. of	42 (1.8)	⬥
Saudi Arabia	40 (2.4)	⬥
Oman	37 (1.3)	⬥
Morocco	29 (1.7)	⬥
Sixth Grade Participants		
Botswana	63 (1.9)	⬥
Honduras	61 (2.7)	⬥
Morocco	52 (2.4)	⬥
Kuwait	51 (2.3)	⬥
Benchmarking Participants		
Quebec, Canada	77 (1.5)	⬤
Florida, US	76 (2.0)	⬤
Ontario, Canada	72 (2.2)	
Maltese - Malta	71 (1.9)	⬤
Alberta, Canada	71 (1.8)	
Andalusia, Spain	68 (2.0)	
Dubai, UAE	64 (1.7)	⬥
Eng/Afr (5) - RSA	53 (2.6)	⬥
Abu Dhabi, UAE	47 (2.1)	⬥

⬤ Percent significantly higher than international average

⬥ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G07M (Giant Tooth): What made the tooth puzzling

Multiple Choice (Key is D)

Country	Percent Correct	
Croatia	74 (1.6)	⬆
Ireland	73 (1.5)	⬆
Czech Republic	72 (2.1)	⬆
Finland	72 (1.6)	⬆
Northern Ireland	71 (2.1)	⬆
Hungary	70 (1.4)	⬆
Russian Federation	70 (1.7)	⬆
England	69 (1.9)	⬆
United States	69 (1.0)	⬆
Italy	69 (1.9)	⬆
Denmark	68 (1.9)	⬆
Singapore	68 (1.6)	⬆
Lithuania	67 (2.0)	⬆
Slovak Republic	65 (2.1)	⬆
Slovenia	65 (1.8)	⬆
Bulgaria	64 (2.3)	⬆
Hong Kong SAR	63 (1.8)	⬆
Azerbaijan	62 (2.3)	⬆
Netherlands	61 (1.5)	⬆
Canada	61 (1.1)	⬆
Iran, Islamic Rep. of	60 (1.6)	
New Zealand	59 (1.7)	
Germany	59 (2.1)	
Spain	58 (2.0)	
Sweden	58 (2.1)	
Australia	58 (1.9)	
Austria	58 (2.0)	
International Avg.	57 (0.3)	
Israel	57 (1.9)	
Romania	56 (2.3)	
Belgium (French)	56 (2.1)	
Georgia	55 (2.2)	
France	53 (2.1)	
Norway	52 (2.3)	⬇
Trinidad and Tobago	51 (2.2)	⬇
Chinese Taipei	51 (1.9)	⬇
Portugal	51 (2.0)	⬇
Malta	46 (1.7)	⬇
United Arab Emirates	42 (1.1)	⬇
Qatar	40 (1.7)	⬇
Poland	39 (1.9)	⬇
Colombia	38 (2.3)	⬇
Saudi Arabia	35 (1.9)	⬇
Oman	30 (1.1)	⬇
Indonesia	29 (1.7)	⬇
Morocco	24 (1.7)	⬇
Sixth Grade Participants		
Botswana	46 (1.9)	⬇
Honduras	41 (2.7)	⬇
Morocco	41 (2.4)	⬇
Kuwait	32 (1.9)	⬇
Benchmarking Participants		
Florida, US	73 (1.8)	⬆
Alberta, Canada	67 (2.4)	⬆
Ontario, Canada	64 (2.2)	⬆
Andalusia, Spain	62 (1.7)	⬆
Dubai, UAE	54 (1.3)	⬇
Quebec, Canada	46 (2.0)	⬇
Maltese - Malta	42 (1.7)	⬇
Eng/Afr (5) - RSA	39 (2.3)	⬇
Abu Dhabi, UAE	36 (2.2)	⬇

⬆ Percent significantly higher than international average

⬇ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G08CA (Giant Tooth): Tooth from diff. types (giant)

Constructed Response (1 Point)

Country	Percent Correct	
Singapore	52 (1.5)	⬆
Canada	49 (1.3)	⬆
Northern Ireland	49 (2.6)	⬆
Russian Federation	47 (2.0)	⬆
Denmark	47 (1.7)	⬆
Italy	47 (2.0)	⬆
United States	47 (1.2)	⬆
Netherlands	46 (1.8)	⬆
Israel	46 (1.8)	⬆
Australia	45 (2.2)	⬆
England	45 (2.0)	⬆
Germany	44 (1.7)	⬆
Finland	43 (2.1)	⬆
Hungary	42 (1.6)	⬆
Sweden	42 (2.1)	⬆
New Zealand	41 (1.6)	⬆
Ireland	41 (2.2)	⬆
Portugal	41 (2.1)	⬆
Slovenia	40 (1.7)	⬆
Bulgaria	38 (2.2)	
Lithuania	38 (1.8)	⬆
Croatia	38 (1.7)	⬆
Poland	35 (1.8)	
Slovak Republic	35 (1.9)	
Belgium (French)	35 (1.9)	
International Avg.	34 (0.3)	
Norway	33 (2.0)	
Austria	33 (1.8)	
Romania	33 (2.7)	
Spain	32 (1.8)	
Czech Republic	32 (2.1)	
Hong Kong SAR	30 (1.9)	⬇
Georgia	28 (1.6)	⬇
France	27 (1.7)	⬇
Malta	27 (1.3)	⬇
Chinese Taipei	26 (1.6)	⬇
Qatar	22 (1.5)	⬇
Colombia	21 (2.0)	⬇
United Arab Emirates	19 (0.8)	⬇
Trinidad and Tobago	17 (1.6)	⬇
Iran, Islamic Rep. of	15 (1.3)	⬇
Indonesia	15 (1.7)	⬇
Saudi Arabia	13 (1.5)	⬇
Oman	11 (0.9)	⬇
Azerbaijan	8 (1.1)	⬇
Morocco	3 (0.6)	⬇
Sixth Grade Participants		
Botswana	16 (1.4)	⬇
Honduras	12 (1.6)	⬇
Kuwait	11 (1.4)	⬇
Morocco	9 (1.0)	⬇
Benchmarking Participants		
Ontario, Canada	51 (2.3)	⬆
Florida, US	49 (2.9)	⬆
Alberta, Canada	45 (2.0)	⬆
Quebec, Canada	44 (2.0)	⬆
Andalusia, Spain	30 (1.6)	⬇
Dubai, UAE	26 (1.5)	⬇
Eng/Afr (5) - RSA	20 (2.7)	⬇
Abu Dhabi, UAE	18 (1.6)	⬇
Maltese - Malta	18 (1.5)	⬇

⬆ Percent significantly higher than international average

⬇ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G08CB (Giant Tooth): Tooth from diff. types (reptile)

Constructed Response (1 Point)

Country	Percent Correct
Singapore	28 (1.7) ●
Canada	27 (1.1) ●
Northern Ireland	26 (2.0) ●
Russian Federation	25 (1.7) ●
Israel	25 (1.6) ●
England	24 (1.5) ●
Portugal	24 (2.3) ●
Italy	23 (1.7) ●
United States	23 (1.0) ●
Czech Republic	23 (1.8) ●
New Zealand	23 (1.7) ●
Finland	22 (1.6) ●
Ireland	22 (1.7) ●
Australia	21 (1.7) ●
Denmark	19 (1.6) ●
Bulgaria	18 (1.9)
Slovak Republic	18 (1.3)
Croatia	17 (1.4)
Hungary	17 (1.3)
Romania	17 (1.4)
Lithuania	17 (1.6)
Germany	16 (1.3)
Sweden	15 (1.3)
International Avg.	15 (0.2)
Netherlands	15 (1.3)
Poland	15 (1.2)
Spain	15 (1.1)
France	14 (1.4)
Belgium (French)	13 (1.8)
Chinese Taipei	12 (1.0) ▼
Austria	12 (1.5) ▼
Slovenia	12 (1.3) ▼
Qatar	12 (1.3) ▼
Malta	11 (1.0) ▼
Trinidad and Tobago	9 (1.2) ▼
Georgia	9 (1.1) ▼
Norway	8 (1.2) ▼
United Arab Emirates	8 (0.6) ▼
Azerbaijan	8 (1.2) ▼
Indonesia	7 (1.0) ▼
Hong Kong SAR	6 (0.9) ▼
Colombia	6 (0.9) ▼
Oman	5 (0.7) ▼
Saudi Arabia	5 (1.0) ▼
Iran, Islamic Rep. of	4 (0.6) ▼
Morocco	1 (0.2) ▼
Sixth Grade Participants	
Botswana	11 (1.2) ▼
Honduras	6 (1.0) ▼
Morocco	6 (1.1) ▼
Kuwait	5 (0.9) ▼
Benchmarking Participants	
Ontario, Canada	27 (2.5) ●
Florida, US	26 (2.6) ●
Alberta, Canada	25 (1.6) ●
Quebec, Canada	23 (1.9) ●
Dubai, UAE	13 (1.3)
Andalusia, Spain	12 (1.2) ▼
Maltese - Malta	8 (1.0) ▼
Eng/Afr (5) - RSA	7 (1.1) ▼
Abu Dhabi, UAE	7 (1.1) ▼

● Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G08CZ (Giant Tooth): Tooth from diff. types (DERIVED)

Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	23 (1.5) ●	58 (1.6) ●
Canada	22 (1.0) ●	54 (1.1) ●
Northern Ireland	20 (2.0) ●	55 (2.5) ●
Russian Federation	19 (1.6) ●	53 (2.2) ●
Portugal	19 (2.0) ●	46 (2.0) ●
England	19 (1.4) ●	50 (2.0) ●
Israel	18 (1.4) ●	52 (1.8) ●
United States	18 (1.0) ●	51 (1.2) ●
New Zealand	18 (1.4) ●	46 (1.9) ●
Czech Republic	17 (1.7) ●	37 (2.0) ●
Italy	17 (1.5) ●	53 (2.0) ●
Finland	17 (1.4) ●	48 (2.3) ●
Australia	17 (1.4) ●	49 (2.3) ●
Ireland	16 (1.4) ●	46 (2.1) ●
Denmark	15 (1.4) ●	51 (1.7) ●
Hungary	14 (1.1) ●	46 (1.6) ●
Romania	13 (1.4) ●	36 (2.6) ●
Bulgaria	13 (1.6) ●	43 (2.5) ●
Croatia	13 (1.3) ●	42 (1.8) ●
Poland	13 (1.1) ●	37 (1.7) ●
Germany	13 (1.2) ●	47 (1.6) ●
Lithuania	12 (1.2) ●	42 (1.9) ●
Slovak Republic	12 (1.0) ●	40 (1.9) ●
Netherlands	12 (0.9) ●	50 (1.9) ●
Sweden	12 (1.3) ●	45 (1.9) ●
International Avg.	12 (0.2)	38 (0.3)
Spain	11 (1.1) ●	36 (1.8) ●
Slovenia	11 (1.2) ●	42 (1.7) ●
Austria	10 (1.3) ●	35 (2.0) ●
France	9 (1.2) ▼	31 (1.9) ▼
Belgium (French)	9 (1.4) ▼	38 (2.1) ▼
Qatar	8 (1.2) ▼	26 (1.5) ▼
Norway	7 (1.1) ▼	34 (2.1) ▼
Malta	7 (0.7) ▼	31 (1.5) ▼
Chinese Taipei	7 (0.7) ▼	31 (1.7) ▼
Georgia	7 (1.0) ▼	30 (1.6) ▼
United Arab Emirates	5 (0.4) ▼	22 (0.9) ▼
Trinidad and Tobago	5 (1.0) ▼	21 (1.8) ▼
Hong Kong SAR	5 (0.7) ▼	31 (1.9) ▼
Colombia	4 (0.7) ▼	23 (2.0) ▼
Iran, Islamic Rep. of	3 (0.5) ▼	16 (1.4) ▼
Azerbaijan	3 (0.7) ▼	14 (1.5) ▼
Indonesia	3 (0.6) ▼	20 (2.1) ▼
Oman	3 (0.5) ▼	14 (1.1) ▼
Saudi Arabia	2 (0.7) ▼	16 (1.5) ▼
Morocco	0 (0.2) ▼	3 (0.6) ▼
Sixth Grade Participants		
Honduras	4 (0.9) ▼	14 (1.6) ▼
Botswana	3 (0.7) ▼	23 (1.7) ▼
Kuwait	2 (0.6) ▼	14 (1.5) ▼
Morocco	1 (0.3) ▼	13 (1.2) ▼
Benchmarking Participants		
Ontario, Canada	22 (2.4) ●	56 (2.2) ●
Florida, US	21 (2.5) ●	55 (2.9) ●
Alberta, Canada	20 (1.4) ●	51 (1.9) ●
Quebec, Canada	19 (1.7) ●	48 (2.1) ●
Dubai, UAE	10 (1.2) ●	29 (1.5) ▼
Andalusia, Spain	10 (1.1) ●	32 (1.6) ▼
Maltese - Malta	5 (0.8) ▼	20 (1.5) ▼
Eng/Afr (5) - RSA	4 (1.0) ▼	23 (2.5) ▼
Abu Dhabi, UAE	4 (0.9) ▼	21 (1.6) ▼

● Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G09M (Giant Tooth): Why Gideon took tooth to a museum

Multiple Choice (Key is C)

Country	Percent Correct	
Hong Kong SAR	80 (1.7)	⬆
Chinese Taipei	79 (1.6)	⬆
Singapore	75 (1.5)	⬆
Italy	74 (1.4)	⬆
Finland	73 (1.8)	⬆
Russian Federation	72 (1.4)	⬆
Sweden	69 (1.9)	⬆
Portugal	67 (2.0)	⬆
Czech Republic	66 (2.2)	⬆
Ireland	66 (2.3)	⬆
Slovenia	65 (2.1)	⬆
England	64 (2.1)	⬆
Northern Ireland	64 (2.3)	⬆
Lithuania	64 (1.9)	⬆
Israel	63 (1.9)	⬆
Slovak Republic	63 (1.8)	⬆
France	63 (1.6)	⬆
Croatia	63 (1.7)	⬆
Hungary	62 (1.5)	⬆
Spain	61 (2.0)	
Germany	61 (1.9)	
United States	61 (1.2)	⬆
Austria	61 (2.0)	
Belgium (French)	60 (2.1)	
Canada	60 (1.4)	
Bulgaria	58 (1.9)	
Denmark	58 (2.0)	
International Avg.	58 (0.3)	
Romania	56 (2.3)	
Australia	55 (1.9)	
Netherlands	55 (2.0)	
Azerbaijan	54 (2.7)	
Norway	52 (2.5)	⬇
New Zealand	52 (1.6)	⬇
Malta	52 (1.8)	⬇
Poland	51 (1.8)	⬇
Georgia	51 (2.1)	⬇
Trinidad and Tobago	47 (1.8)	⬇
Iran, Islamic Rep. of	46 (1.8)	⬇
United Arab Emirates	46 (1.2)	⬇
Qatar	43 (2.4)	⬇
Saudi Arabia	42 (2.4)	⬇
Colombia	36 (2.4)	⬇
Indonesia	35 (2.1)	⬇
Oman	31 (1.6)	⬇
Morocco	26 (1.5)	⬇
Sixth Grade Participants		
Botswana	51 (1.8)	⬇
Kuwait	43 (2.5)	⬇
Honduras	43 (2.6)	⬇
Morocco	38 (1.6)	⬇
Benchmarking Participants		
Florida, US	64 (2.5)	⬆
Andalusia, Spain	64 (2.0)	⬆
Quebec, Canada	63 (2.1)	⬆
Ontario, Canada	59 (2.4)	
Alberta, Canada	54 (2.1)	
Dubai, UAE	54 (2.0)	⬇
Abu Dhabi, UAE	43 (2.0)	⬇
Eng/Afr (5) - RSA	41 (2.3)	⬇
Maltese - Malta	41 (1.9)	⬇

⬆ Percent significantly higher than international average

⬇ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G10C (Giant Tooth): Why seeing tooth was important

Constructed Response (1 Point)

Country	Percent Correct
Italy	57 (1.9) ●
Czech Republic	56 (2.1) ●
Germany	56 (2.1) ●
Singapore	52 (1.6) ●
United States	51 (1.3) ●
Finland	50 (1.5) ●
Denmark	47 (1.6) ●
Bulgaria	46 (2.4) ●
Canada	46 (1.1) ●
Portugal	46 (2.4) ●
England	46 (2.2) ●
Northern Ireland	45 (2.1) ●
Israel	42 (1.9) ●
Netherlands	42 (1.7) ●
Hungary	42 (1.8) ●
Russian Federation	40 (1.9) ●
Slovak Republic	40 (1.9) ●
New Zealand	40 (1.6) ●
Croatia	39 (1.7) ●
Ireland	39 (1.9) ●
Slovenia	37 (2.4)
Australia	37 (2.0)
Romania	37 (2.0)
International Avg.	34 (0.3)
Sweden	33 (2.0)
Austria	32 (1.9)
Hong Kong SAR	30 (2.2)
France	30 (1.9) ▼
Spain	30 (1.5) ▼
Georgia	29 (2.4)
Malta	28 (1.7) ▼
Chinese Taipei	28 (1.6) ▼
Norway	27 (1.8) ▼
Belgium (French)	26 (1.6) ▼
Iran, Islamic Rep. of	24 (1.7) ▼
Colombia	23 (2.3) ▼
Qatar	22 (1.4) ▼
Trinidad and Tobago	19 (1.7) ▼
Azerbaijan	19 (1.9) ▼
Poland	18 (1.4) ▼
Lithuania	18 (1.5) ▼
Indonesia	17 (1.7) ▼
United Arab Emirates	16 (0.9) ▼
Saudi Arabia	12 (1.4) ▼
Oman	11 (0.9) ▼
Morocco	1 (0.5) ▼
Sixth Grade Participants	
Honduras	21 (1.8) ▼
Botswana	19 (1.7) ▼
Morocco	10 (1.0) ▼
Kuwait	7 (1.3) ▼
Benchmarking Participants	
Florida, US	58 (2.6) ●
Alberta, Canada	49 (1.8) ●
Quebec, Canada	48 (2.4) ●
Ontario, Canada	46 (2.6) ●
Andalusia, Spain	29 (1.9) ▼
Dubai, UAE	25 (1.6) ▼
Eng/Afr (5) - RSA	21 (1.9) ▼
Maltese - Malta	18 (1.3) ▼
Abu Dhabi, UAE	14 (1.1) ▼

● Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G11M (Giant Tooth): What Gideon used

Multiple Choice (Key is A)

Country	Percent Correct
Hong Kong SAR	83 (1.6) ⬆
Russian Federation	82 (1.5) ⬆
Chinese Taipei	80 (1.6) ⬆
Singapore	69 (1.7) ⬆
Finland	68 (1.9) ⬆
Czech Republic	68 (2.4) ⬆
Denmark	66 (1.5) ⬆
Netherlands	66 (2.0) ⬆
Austria	64 (2.0) ⬆
England	64 (2.2) ⬆
Northern Ireland	63 (2.1) ⬆
Bulgaria	63 (2.2) ⬆
Germany	63 (2.0) ⬆
Hungary	63 (1.7) ⬆
Italy	62 (1.9) ⬆
Sweden	62 (2.0) ⬆
Romania	62 (2.2) ⬆
Slovak Republic	61 (2.0) ⬆
Ireland	61 (2.1)
Israel	60 (1.8)
United States	59 (1.1) ⬆
Lithuania	58 (2.3)
Portugal	57 (1.9)
International Avg.	57 (0.3)
Canada	57 (1.4)
Croatia	57 (1.7)
Australia	56 (1.9)
New Zealand	55 (1.5)
Slovenia	55 (1.7)
Spain	55 (1.7)
Poland	54 (1.9)
France	54 (1.6)
Azerbaijan	53 (2.7)
Malta	51 (1.9) ⬇
Norway	51 (2.3) ⬇
Iran, Islamic Rep. of	51 (1.7) ⬇
Indonesia	49 (2.3) ⬇
Qatar	48 (2.3) ⬇
Belgium (French)	48 (2.1) ⬇
Georgia	46 (2.2) ⬇
Saudi Arabia	44 (2.1) ⬇
United Arab Emirates	41 (1.2) ⬇
Trinidad and Tobago	41 (1.9) ⬇
Oman	38 (1.6) ⬇
Morocco	33 (1.4) ⬇
Colombia	29 (2.0) ⬇
Sixth Grade Participants	
Morocco	51 (1.9) ⬇
Kuwait	43 (2.7) ⬇
Botswana	40 (2.0) ⬇
Honduras	38 (2.5) ⬇
Benchmarking Participants	
Florida, US	62 (2.0) ⬆
Quebec, Canada	59 (2.3)
Alberta, Canada	55 (2.1)
Ontario, Canada	54 (2.0)
Andalusia, Spain	53 (2.2)
Dubai, UAE	47 (1.8) ⬇
Maltese - Malta	47 (1.8) ⬇
Abu Dhabi, UAE	40 (2.1) ⬇
Eng/Afr (5) - RSA	34 (2.6) ⬇

⬆ Percent significantly higher than international average

⬇ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G12C (Giant Tooth): Purpose of two Iguanodon pictures

Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
England	21 (1.6) ⬆	30 (2.1) ⬆
Russian Federation	19 (1.8) ⬆	31 (2.0) ⬆
United States	18 (0.9) ⬆	34 (1.1) ⬆
Denmark	17 (1.4) ⬆	29 (1.8) ⬆
Ireland	16 (1.6) ⬆	25 (2.0)
Italy	16 (1.4) ⬆	31 (1.7) ⬆
Northern Ireland	16 (1.7) ⬆	24 (2.2)
Canada	15 (0.8) ⬆	29 (1.3) ⬆
Australia	15 (1.3) ⬆	25 (1.5)
Slovenia	14 (1.2) ⬆	28 (1.6) ⬆
Sweden	14 (1.4) ⬆	23 (1.7)
Hong Kong SAR	14 (1.1) ⬆	21 (1.5)
Israel	13 (1.4) ⬆	22 (1.5)
Poland	13 (1.1) ⬆	24 (1.6)
Germany	12 (1.3) ⬆	27 (1.5) ⬆
Portugal	12 (1.6)	33 (2.6) ⬆
Singapore	12 (1.1) ⬆	24 (1.2)
Croatia	12 (1.2)	40 (1.7) ⬆
Finland	12 (1.2)	23 (1.5)
New Zealand	12 (1.0) ⬆	22 (1.3)
France	11 (1.1)	32 (1.7) ⬆
Chinese Taipei	11 (1.0)	22 (1.3)
Netherlands	11 (1.2)	35 (2.0) ⬆
International Avg.	10 (0.2)	22 (0.2)
Bulgaria	10 (1.0)	31 (2.0) ⬆
Austria	9 (1.2)	24 (1.7)
Slovak Republic	8 (0.9)	24 (1.5)
Lithuania	8 (1.0)	19 (1.6)
Czech Republic	8 (1.1)	19 (1.6)
Hungary	8 (1.0) ⬇	19 (1.5) ⬇
Belgium (French)	7 (1.1) ⬇	21 (1.9)
Romania	6 (0.9) ⬇	21 (1.4)
Norway	6 (0.9) ⬇	13 (1.6) ⬇
Oman	6 (0.7) ⬇	15 (1.1) ⬇
Spain	5 (0.8) ⬇	17 (1.1) ⬇
United Arab Emirates	5 (0.5) ⬇	13 (0.8) ⬇
Malta	5 (0.7) ⬇	16 (1.4) ⬇
Indonesia	4 (0.8) ⬇	20 (1.8)
Qatar	4 (0.7) ⬇	15 (1.2) ⬇
Trinidad and Tobago	4 (0.8) ⬇	11 (1.2) ⬇
Georgia	3 (0.7) ⬇	14 (1.7) ⬇
Colombia	2 (0.6) ⬇	12 (1.5) ⬇
Iran, Islamic Rep. of	2 (0.4) ⬇	7 (0.8) ⬇
Azerbaijan	1 (0.6) ⬇	10 (1.3) ⬇
Saudi Arabia	1 (0.4) ⬇	17 (1.4) ⬇
Morocco	0 (0.0) ⬇	0 (0.0) ⬇
Sixth Grade Participants		
Botswana	4 (0.8) ⬇	15 (1.3) ⬇
Kuwait	4 (0.8) ⬇	9 (1.2) ⬇
Honduras	2 (0.7) ⬇	17 (2.1) ⬇
Morocco	0 (0.2) ⬇	1 (0.3) ⬇
Benchmarking Participants		
Florida, US	22 (2.1) ⬆	40 (2.6) ⬆
Ontario, Canada	15 (1.7) ⬆	26 (2.3)
Alberta, Canada	15 (1.6) ⬆	29 (1.8) ⬆
Quebec, Canada	14 (1.5) ⬆	34 (2.4) ⬆
Dubai, UAE	8 (1.1)	18 (1.2) ⬇
Andalusia, Spain	4 (0.8) ⬇	15 (1.4) ⬇
Eng/Afr (5) - RSA	4 (1.1) ⬇	17 (2.2) ⬇
Abu Dhabi, UAE	4 (0.9) ⬇	12 (1.6) ⬇
Maltese - Malta	4 (0.7) ⬇	15 (1.4) ⬇

⬆ Percent significantly higher than international average

⬇ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G13CA (Giant Tooth): How Iguanodon looked (legs)

Constructed Response (1 Point)

Country	Percent Correct
Hong Kong SAR	77 (1.7) ⬆
Singapore	71 (1.7) ⬆
Netherlands	70 (1.8) ⬆
Chinese Taipei	70 (1.8) ⬆
Finland	69 (1.8) ⬆
Russian Federation	68 (1.9) ⬆
Sweden	65 (1.9) ⬆
Croatia	65 (1.7) ⬆
Denmark	65 (1.9) ⬆
Hungary	65 (1.9) ⬆
England	64 (2.3) ⬆
United States	64 (1.2) ⬆
Northern Ireland	63 (2.3) ⬆
Czech Republic	63 (2.2) ⬆
Ireland	63 (2.5) ⬆
Germany	62 (1.6) ⬆
Australia	60 (1.8) ⬆
Canada	60 (1.0) ⬆
Italy	59 (2.0) ⬆
Israel	57 (1.8) ⬆
Belgium (French)	57 (2.6) ⬆
Bulgaria	56 (2.6) ⬆
New Zealand	55 (1.7) ⬆
Slovak Republic	54 (1.9) ⬆
Slovenia	52 (2.2) ⬆
Portugal	51 (2.5) ⬆
Lithuania	50 (2.0) ⬆
France	50 (1.8) ⬆
Austria	50 (2.2) ⬆
International Avg.	49 (0.3)
Poland	48 (2.0) ⬆
Norway	46 (2.2) ⬆
Spain	45 (1.7) ⬇
Romania	42 (2.2) ⬇
Malta	37 (1.8) ⬇
Georgia	34 (2.1) ⬇
United Arab Emirates	28 (1.0) ⬇
Qatar	26 (1.6) ⬇
Trinidad and Tobago	22 (1.6) ⬇
Saudi Arabia	22 (2.1) ⬇
Iran, Islamic Rep. of	19 (1.3) ⬇
Colombia	16 (2.0) ⬇
Oman	15 (1.2) ⬇
Indonesia	14 (1.4) ⬇
Azerbaijan	14 (2.1) ⬇
Morocco	5 (0.8) ⬇
Sixth Grade Participants	
Kuwait	22 (1.9) ⬇
Botswana	20 (1.7) ⬇
Morocco	15 (1.3) ⬇
Honduras	14 (1.9) ⬇
Benchmarking Participants	
Florida, US	65 (2.0) ⬆
Quebec, Canada	65 (1.7) ⬆
Alberta, Canada	60 (2.1) ⬆
Ontario, Canada	57 (2.0) ⬆
Andalusia, Spain	44 (1.8) ⬇
Dubai, UAE	37 (1.7) ⬇
Maltese - Malta	29 (1.9) ⬇
Abu Dhabi, UAE	25 (1.8) ⬇
Eng/Afr (5) - RSA	22 (2.5) ⬇

⬆ Percent significantly higher than international average

⬇ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G13CB (Giant Tooth): How Iguanodon looked (spike)

Constructed Response (1 Point)

Country	Percent Correct	
Hong Kong SAR	72 (1.8)	⬤
Chinese Taipei	71 (1.9)	⬤
Singapore	70 (1.7)	⬤
United States	67 (1.3)	⬤
Croatia	66 (1.8)	⬤
Finland	66 (1.6)	⬤
England	65 (2.1)	⬤
Ireland	64 (2.1)	⬤
Northern Ireland	64 (2.6)	⬤
Italy	63 (1.7)	⬤
Sweden	62 (2.2)	⬤
Canada	62 (1.6)	⬤
Russian Federation	61 (2.1)	⬤
Denmark	61 (1.6)	⬤
Netherlands	61 (2.1)	⬤
Portugal	60 (2.6)	⬤
Australia	58 (2.0)	⬤
Lithuania	58 (2.1)	⬤
Hungary	57 (1.7)	⬤
Bulgaria	57 (2.4)	⬤
Germany	56 (2.2)	⬤
New Zealand	56 (1.7)	⬤
Czech Republic	54 (2.3)	⬤
Slovak Republic	53 (2.1)	⬤
Israel	51 (2.2)	
International Avg.	48 (0.3)	
Belgium (French)	47 (2.6)	
Slovenia	46 (1.8)	
Austria	46 (2.0)	
Spain	46 (1.9)	
Poland	44 (2.1)	
France	44 (2.0)	
Norway	43 (2.1)	⬇
Romania	41 (2.3)	⬇
Malta	37 (1.7)	⬇
Georgia	34 (2.1)	⬇
United Arab Emirates	28 (1.0)	⬇
Trinidad and Tobago	26 (1.7)	⬇
Qatar	25 (1.4)	⬇
Saudi Arabia	20 (2.2)	⬇
Oman	17 (1.2)	⬇
Colombia	17 (1.9)	⬇
Iran, Islamic Rep. of	16 (1.1)	⬇
Indonesia	16 (1.7)	⬇
Azerbaijan	12 (1.6)	⬇
Morocco	4 (0.8)	⬇
Sixth Grade Participants		
Botswana	24 (1.8)	⬇
Honduras	21 (2.3)	⬇
Morocco	14 (1.2)	⬇
Kuwait	13 (1.4)	⬇
Benchmarking Participants		
Florida, US	68 (2.4)	⬤
Ontario, Canada	62 (2.1)	⬤
Alberta, Canada	61 (1.9)	⬤
Quebec, Canada	59 (2.0)	⬤
Andalusia, Spain	43 (1.9)	⬇
Dubai, UAE	38 (1.6)	⬇
Abu Dhabi, UAE	25 (2.0)	⬇
Maltese - Malta	23 (1.6)	⬇
Eng/Afr (5) - RSA	23 (2.1)	⬇

⬤ Percent significantly higher than international average

⬇ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G13CC (Giant Tooth): How Iguanodon looked (length)

Constructed Response (1 Point)

Country	Percent Correct
Hong Kong SAR	76 (1.8) ●
Singapore	69 (1.7) ●
Chinese Taipei	62 (1.7) ●
Russian Federation	58 (1.9) ●
Denmark	56 (1.8) ●
Finland	56 (1.9) ●
Northern Ireland	56 (2.7) ●
England	54 (2.1) ●
Netherlands	54 (2.1) ●
Czech Republic	53 (2.4) ●
United States	52 (1.3) ●
Sweden	52 (2.4) ●
Italy	51 (1.9) ●
Israel	50 (2.2) ●
Ireland	50 (2.2) ●
Australia	50 (2.2) ●
Canada	50 (1.4) ●
Germany	49 (1.9) ●
Portugal	49 (2.3) ●
Hungary	49 (1.8) ●
Croatia	48 (1.7) ●
New Zealand	47 (1.6) ●
Bulgaria	44 (2.4)
Slovenia	44 (1.8)
Austria	41 (1.9)
International Avg.	40 (0.3)
France	40 (1.9)
Slovak Republic	39 (1.9)
Lithuania	38 (2.0)
Spain	37 (1.9)
Romania	35 (2.4) ▼
Belgium (French)	34 (2.7) ▼
Poland	33 (1.9) ▼
Malta	30 (1.6) ▼
Norway	30 (2.3) ▼
United Arab Emirates	23 (1.1) ▼
Georgia	23 (1.8) ▼
Qatar	21 (1.7) ▼
Trinidad and Tobago	20 (1.6) ▼
Saudi Arabia	20 (2.0) ▼
Azerbaijan	16 (1.9) ▼
Iran, Islamic Rep. of	15 (1.3) ▼
Indonesia	15 (1.5) ▼
Oman	14 (1.2) ▼
Colombia	10 (1.3) ▼
Morocco	3 (0.7) ▼
Sixth Grade Participants	
Botswana	18 (1.8) ▼
Kuwait	16 (1.7) ▼
Morocco	15 (1.2) ▼
Honduras	11 (2.1) ▼
Benchmarking Participants	
Florida, US	53 (2.4) ●
Quebec, Canada	52 (1.8) ●
Ontario, Canada	50 (2.3) ●
Alberta, Canada	47 (2.0) ●
Andalusia, Spain	35 (1.9) ▼
Dubai, UAE	33 (1.9) ▼
Maltese - Malta	22 (1.8) ▼
Abu Dhabi, UAE	19 (1.7) ▼
Eng/Afr (5) - RSA	18 (2.3) ▼

● Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G13CZ (Giant Tooth): How Iguanodon looked (DERIVED)

Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Hong Kong SAR	62 (2.3) ●	77 (1.7) ●	86 (1.4) ●
Singapore	57 (1.7) ●	72 (1.9) ●	81 (1.4) ●
Chinese Taipei	53 (1.8) ●	68 (1.9) ●	82 (1.5) ●
Finland	48 (1.9) ●	66 (1.7) ●	76 (1.6) ●
Russian Federation	47 (2.1) ●	64 (1.9) ●	77 (1.6) ●
England	46 (2.2) ●	63 (2.1) ●	74 (2.0) ●
Sweden	44 (2.4) ●	62 (2.3) ●	73 (1.9) ●
Northern Ireland	44 (2.6) ●	63 (2.5) ●	76 (2.1) ●
Denmark	44 (1.8) ●	63 (1.6) ●	75 (1.7) ●
United States	44 (1.3) ●	64 (1.2) ●	76 (1.2) ●
Ireland	44 (2.2) ●	60 (2.5) ●	73 (1.9) ●
Croatia	42 (1.7) ●	61 (1.7) ●	76 (1.5) ●
Portugal	42 (2.2) ●	53 (2.6) ●	65 (2.5) ●
Canada	42 (1.4) ●	58 (1.2) ●	71 (1.3) ●
Netherlands	42 (2.1) ●	65 (2.0) ●	78 (1.8) ●
Hungary	41 (1.8) ●	58 (1.7) ●	72 (1.7) ●
New Zealand	40 (1.6) ●	54 (1.7) ●	64 (1.5) ●
Italy	40 (1.9) ●	60 (2.0) ●	73 (1.8) ●
Australia	40 (2.0) ●	58 (1.8) ●	70 (1.8) ●
Czech Republic	39 (2.1) ●	59 (2.2) ●	72 (2.2) ●
Germany	38 (1.7) ●	59 (2.0) ●	70 (1.8) ●
Bulgaria	37 (2.2) ●	53 (2.6) ●	67 (2.3) ●
Israel	36 (2.1) ●	54 (2.0) ●	68 (1.9) ●
Slovenia	33 (1.8) ●	47 (2.0) ●	62 (1.9) ●
Lithuania	32 (1.8) ●	49 (2.0) ●	64 (2.1) ●
International Avg.	32 (0.3)	46 (0.3)	59 (0.3)
Austria	31 (2.0)	48 (2.2)	59 (1.9)
France	31 (1.8)	45 (2.1)	58 (1.8)
Slovak Republic	30 (1.7)	49 (2.1)	66 (2.0) ●
Belgium (French)	29 (2.8)	47 (2.7)	63 (2.4)
Romania	27 (2.1) ▼	38 (2.3) ▼	54 (2.4) ▼
Poland	26 (1.8) ▼	43 (2.0)	56 (2.0)
Spain	26 (1.6) ▼	44 (1.9)	58 (2.0)
Norway	23 (2.0) ▼	39 (2.3) ▼	57 (2.0)
Malta	22 (1.4) ▼	35 (1.8) ▼	47 (1.8) ▼
Georgia	17 (1.6) ▼	29 (2.0) ▼	46 (2.3) ▼
Qatar	15 (1.4) ▼	23 (1.5) ▼	34 (1.6) ▼
United Arab Emirates	14 (0.7) ▼	26 (1.1) ▼	39 (1.3) ▼
Trinidad and Tobago	13 (1.5) ▼	21 (1.7) ▼	34 (1.8) ▼
Saudi Arabia	10 (1.6) ▼	17 (2.1) ▼	35 (2.4) ▼
Oman	8 (0.9) ▼	14 (1.3) ▼	24 (1.4) ▼
Indonesia	7 (1.1) ▼	13 (1.4) ▼	25 (2.0) ▼
Iran, Islamic Rep. of	7 (0.8) ▼	15 (1.3) ▼	28 (1.6) ▼
Azerbaijan	6 (1.4) ▼	14 (2.1) ▼	21 (1.9) ▼
Colombia	6 (1.0) ▼	11 (1.4) ▼	26 (2.4) ▼
Morocco	2 (0.5) ▼	3 (0.8) ▼	7 (1.1) ▼
Sixth Grade Participants			
Botswana	11 (1.4) ▼	18 (1.8) ▼	33 (1.9) ▼
Morocco	7 (0.8) ▼	13 (1.3) ▼	23 (1.6) ▼
Kuwait	7 (0.9) ▼	17 (1.8) ▼	27 (2.1) ▼
Honduras	6 (1.5) ▼	14 (2.0) ▼	27 (2.5) ▼
Benchmarking Participants			
Florida, US	47 (2.2) ●	63 (2.3) ●	76 (2.2) ●
Quebec, Canada	42 (1.9) ●	59 (1.9) ●	74 (1.6) ●
Ontario, Canada	42 (2.3) ●	57 (2.1) ●	69 (1.9) ●
Alberta, Canada	40 (1.9) ●	58 (2.1) ●	70 (1.9) ●
Andalusia, Spain	25 (1.8) ▼	41 (1.9) ▼	56 (1.7)
Dubai, UAE	22 (1.4) ▼	36 (1.8) ▼	50 (1.6) ▼
Maltese - Malta	14 (1.2) ▼	25 (1.8) ▼	36 (2.1) ▼
Abu Dhabi, UAE	12 (1.4) ▼	22 (1.6) ▼	34 (2.5) ▼
Eng/Afr (5) - RSA	10 (1.3) ▼	20 (2.6) ▼	33 (2.8) ▼

- Percent significantly higher than international average
 ▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011

Percent Correct Statistics for PIRLS 2011 Released Items

R31G14M (Giant Tooth): What discovery proved Gideon wrong

Multiple Choice (Key is D)

Country	Percent Correct	
Finland	74 (1.5)	⬆
Hong Kong SAR	68 (1.7)	⬆
Germany	67 (1.7)	⬆
Russian Federation	67 (2.0)	⬆
Denmark	67 (1.6)	⬆
Netherlands	66 (1.5)	⬆
Slovenia	64 (1.6)	⬆
Hungary	64 (1.6)	⬆
Portugal	63 (2.0)	⬆
Italy	62 (2.1)	⬆
Austria	62 (1.7)	⬆
Bulgaria	60 (2.4)	⬆
Sweden	60 (1.9)	⬆
Czech Republic	59 (2.5)	⬆
Northern Ireland	58 (2.6)	⬆
United States	58 (1.3)	⬆
England	58 (1.8)	⬆
Chinese Taipei	57 (1.8)	⬆
Spain	57 (2.2)	⬆
Ireland	57 (2.1)	⬆
Singapore	56 (1.6)	⬆
Australia	56 (1.9)	⬆
Canada	55 (1.2)	⬆
Romania	53 (2.3)	
Israel	53 (1.8)	
Poland	53 (1.7)	
Norway	53 (2.6)	
International Avg.	52 (0.3)	
New Zealand	52 (1.7)	
Slovak Republic	52 (1.7)	
Croatia	49 (2.0)	
France	48 (2.1)	
Belgium (French)	48 (2.4)	
Georgia	44 (1.9)	⬇
Lithuania	43 (2.1)	⬇
Malta	41 (1.6)	⬇
Azerbaijan	40 (2.1)	⬇
Iran, Islamic Rep. of	39 (1.8)	⬇
Colombia	37 (2.3)	⬇
Qatar	35 (1.9)	⬇
United Arab Emirates	34 (1.4)	⬇
Saudi Arabia	32 (2.2)	⬇
Oman	31 (1.4)	⬇
Trinidad and Tobago	29 (1.7)	⬇
Morocco	29 (1.5)	⬇
Indonesia	20 (1.9)	⬇
Sixth Grade Participants		
Morocco	42 (2.5)	⬇
Botswana	37 (1.8)	⬇
Honduras	35 (2.3)	⬇
Kuwait	30 (2.2)	⬇
Benchmarking Participants		
Florida, US	60 (2.3)	⬆
Andalusia, Spain	57 (1.8)	⬆
Alberta, Canada	55 (2.2)	
Ontario, Canada	54 (2.3)	
Quebec, Canada	52 (2.0)	
Maltese - Malta	42 (2.0)	⬇
Dubai, UAE	37 (2.4)	⬇
Abu Dhabi, UAE	35 (2.1)	⬇
Eng/Afr (5) - RSA	26 (2.0)	⬇

⬆ Percent significantly higher than international average

⬇ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2011