

**Exhibit 4: Topics Covered by Early Childhood Education Curriculum Guidance Documents\***

Reported by National Research Coordinators

Country	National Early Childhood Education Curriculum Guidance Documents		Socio-Emotional Development		Physical Development and Health Education		Oral Language Development and Communication Skills		Reading and Literacy Skills		Mathematics		Science	
	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE
Australia	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Austria	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Azerbaijan	○	●	n/a	○	n/a	●	n/a	●	n/a	●	n/a	●	n/a	○
Bahrain	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Belgium (Flemish)	●	●	●	●	●	●	●	●	○	●	○	●	○	○
Belgium (French)	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	○
Bulgaria	●	●	●	●	●	●	○	●	○	●	○	●	○	●
Canada	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Chile	●	●	●	●	●	●	●	●	●	●	●	●	●	○
Chinese Taipei	●	●	●	●	●	●	●	●	●	●	●	●	○	○
Czech Republic	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Denmark	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Egypt	○	●	n/a	○	n/a	●	n/a	●	n/a	●	n/a	○	n/a	○
England	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Finland	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
France	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Georgia	●	●	●	●	●	●	●	●	●	●	●	●	●	○
Germany	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Hong Kong SAR	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Hungary	●	●	●	●	●	●	●	●	●	●	●	●	●	○
Iran, Islamic Rep. of	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Ireland	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Israel	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Italy	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Kazakhstan	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Kuwait	○	○	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Latvia	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Lithuania	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Macao SAR	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Malta	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	○
Morocco	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	○
Netherlands	○	○	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
New Zealand	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Northern Ireland	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Norway (5)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Oman	○	○	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Poland	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Qatar	●	●	●	●	●	●	●	●	●	●	●	●	●	○
Russian Federation	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Saudi Arabia	○	○	●	●	●	●	●	●	●	●	●	●	●	●
Singapore	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Slovak Republic	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Slovenia	●	●	●	●	●	●	●	●	●	●	●	●	●	●
South Africa	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	○
Spain	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Sweden	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Trinidad and Tobago	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
United Arab Emirates	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
United States	○	○	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

● Yes  
○ No

\*ECED (Early Childhood Education Development) programs are for children under age 3 and PPE (Preprimary Education) programs include Kindergarten for children age 3 or older.  
A dash (-) indicates data not provided.

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

**Exhibit 4: Topics Covered by Early Childhood Education Curriculum Guidance Documents\* (Continued)**

Country	National Early Childhood Education Curriculum Guidance Documents		Socio-Emotional Development		Physical Development and Health Education		Oral Language Development and Communication Skills		Reading and Literacy Skills		Mathematics		Science	
	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE
<b>Benchmarking Participants—Responses Pertain to Benchmarking Provinces/Regions/Emirates/States</b>														
Buenos Aires, Argentina	○	○	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Ontario, Canada	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Quebec, Canada	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Denmark (3)	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Norway (4)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Moscow City, Russian Fed.	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Eng/Afr/Zulu - RSA (5)	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	○
Andalusia, Spain	●	●	●	●	●	●	●	●	○	●	○	●	●	●
Madrid, Spain	●	●	●	●	●	●	●	●	○	●	○	●	●	●
Abu Dhabi, United Arab Emirates	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Dubai, United Arab Emirates	●	●	●	●	●	●	●	●	●	●	●	●	●	○

● Yes  
○ No

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016