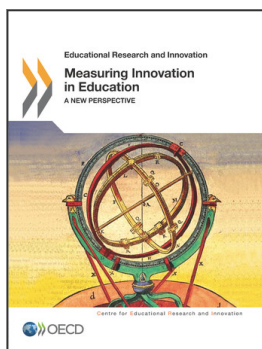


Countries' top 5 areas of classroom-level innovations

Subject	Grade	Australia	Canada (Ontario)	Canada (Québec)	Hungary	Israel	Italy	Japan	Korea	Netherlands	New Zealand	Norway	Slovenia	Sweden	United Kingdom (England)	United States	Hong Kong, China	Indonesia	Russian Federation	Singapore
Science experiments demonstration	8 th								5											
Reading on their own	4 th		4															5		
Student relating to real life	ma 4 th														4	3				
	ma 8 th					3	1	3					2	4				3		
	sci 4 th		2				1						2			4	3			3
	sci 8 th	1				3	1		1						4			3		3
rea 4 th	1										3									
Data interpretation in maths	8 th							4	3											
Text interpretation	4 th		5			5							4			5	2			
Explain answers in maths	4 th	2										2				3	5			
	8 th	2						2						5				4		4
Explain subjects in science	4 th							5	2				2							
	8 th	5	1					5	2					2			4			5
Observe and describe in science	8 th	1	2		2	4								3	1	1				2
Group work in maths	8 th			5				1								3				
Class ability grouping school policy	8 th																	2		
Decide procedures in maths	8 th	4	3																	
Design and plan experiments in science	4 th		4																	1
	8 th														2					1
Choose book to read	4 th						3					1								
Use of individualised instruction in reading	4 th				1	2									5	2				
Textbook as primary resource of instruction	ma 4 th						2						1							
	ma 8 th					1	2		4				1	1						
	sci 4 th						2					5	1							
	sci 8 th					1	2		4				1	1				1		
rea 4 th									1											
Textbook as supplementary resource	ma 4 th																			
	ma 8 th																			
	sci 4 th	3		3								2								
sci 8 th																				
Computer availability	ma 4 th										5									
	ma 8 th																			
	sci 4 th																			2
sci 8 th																				2
Network availability	ma 4 th				5						3	4								4
	ma 8 th												4							4
	sci 4 th				5					3			4	3						4
sci 8 th												4								4
Use of computer to practice skills and procedures	ma 4 th										1									
	ma 8 th																			
	sci 4 th				3		4													1
sci 8 th				3																1
Use of computer to look up information	ma 4 th										4									3
	ma 8 th																			3
	sci 4 th				4					4				5						3
sci 8 th				4																3
Use of computer to conduct scientific experiments	4 th						5													
Use of computer to read text	4 th										5									1

Note: Israel and Indonesia: 8th grade and 4th grade reading; Korea: 8th grade only; The Netherlands and Sweden: no TIMSS for 8th grade; ma: mathematics; sci: science; rea: reading.

The statistical data for Israel are supplied by and under the responsibility of the relevant Israeli authorities. The use of such data by the OECD is without prejudice to the status of the Golan Heights, East Jerusalem and Israeli settlements in the West Bank under the terms of international law.



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