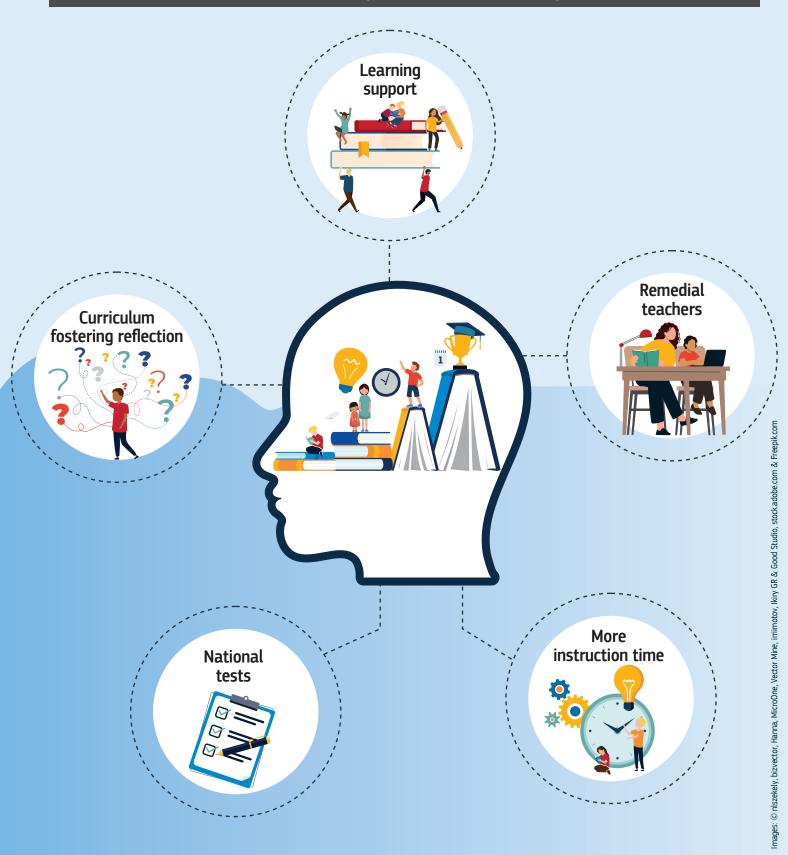
Main factors that contribute to more students achieving basic numeracy and scientific literacy





Home environment influences achievement in mathematics and science





Percentage of students achieving basic numeracy and scientific literacy:

86%

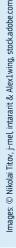
from higher socioeconomic backgrounds

60%

from lower socioeconomic backgrounds

Mathematics takes up more instruction time than science in primary and lower secondary education



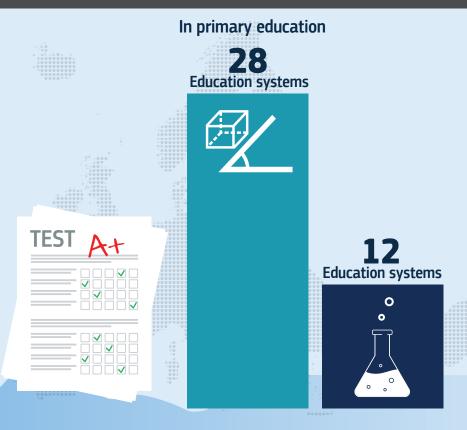


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More countries have certified examinations and national tests for assessing students in mathematics than in science



Ethics and science questions improve scientific literacy



O Socioscientific questions in curricula in 24 education systems

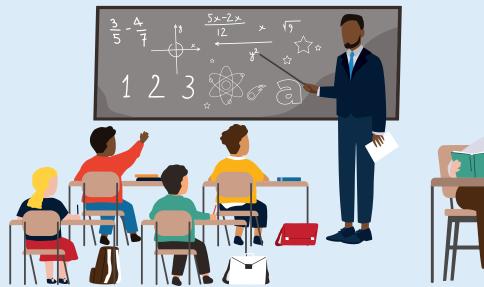




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Learning support during the school day helps reducing low achievement





 Mathematics: in 23 education systems - Science: in 20 education systems in lower secondary education

28 (out of 39) education systems in Europe have a shortage of mathematics and science teachers





Increasing achievement and motivation in mathematics and science learning in schools.

Full report is available on our website: http://ec.europa.eu/eurydice



