

Spotlight on Science Learning: A Benchmark of Canadian Talent

CANADA'S TALENT POOL AT RISK

Although Canadian students rank highly on international performance, they seem to lose interest in science as they get older.

STRONG IN PERFORMANCE

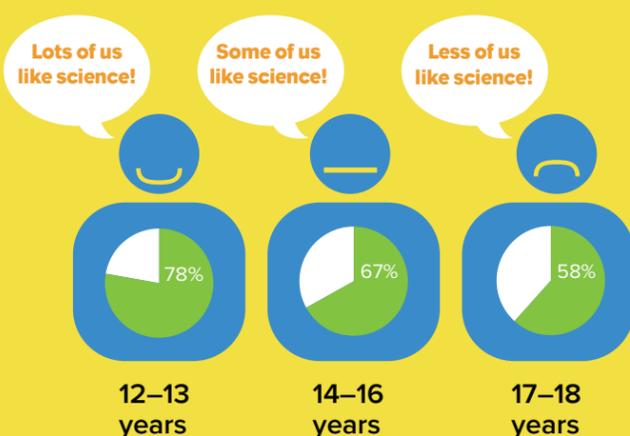
Canada ranked third in overall science performance according to the 2006 PISA results.



BUT

WEAK IN SIZE

The percentage of students who are very or somewhat interested in Science decreases as the students age.

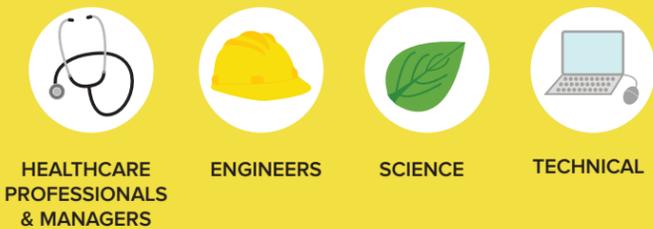


JOBS OF THE FUTURE NEED SCIENCE

HRSDC, in its latest 10-year employment growth outlook, forecasts that some of the biggest growth will occur in fields requiring STEM (science, technology, engineering and math) learning.

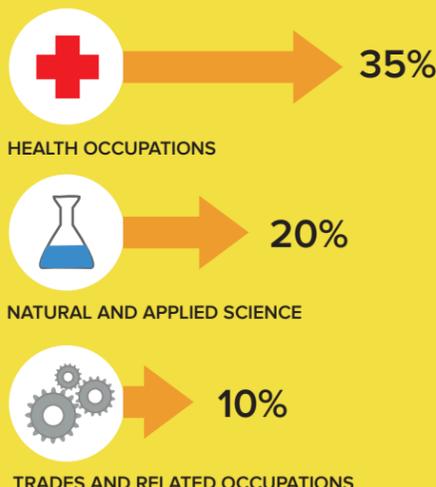
LABOUR DEMAND

On the list of 15 categories with the highest labour demand, healthcare professionals and managers, engineers, science, and technical occupations dominate.



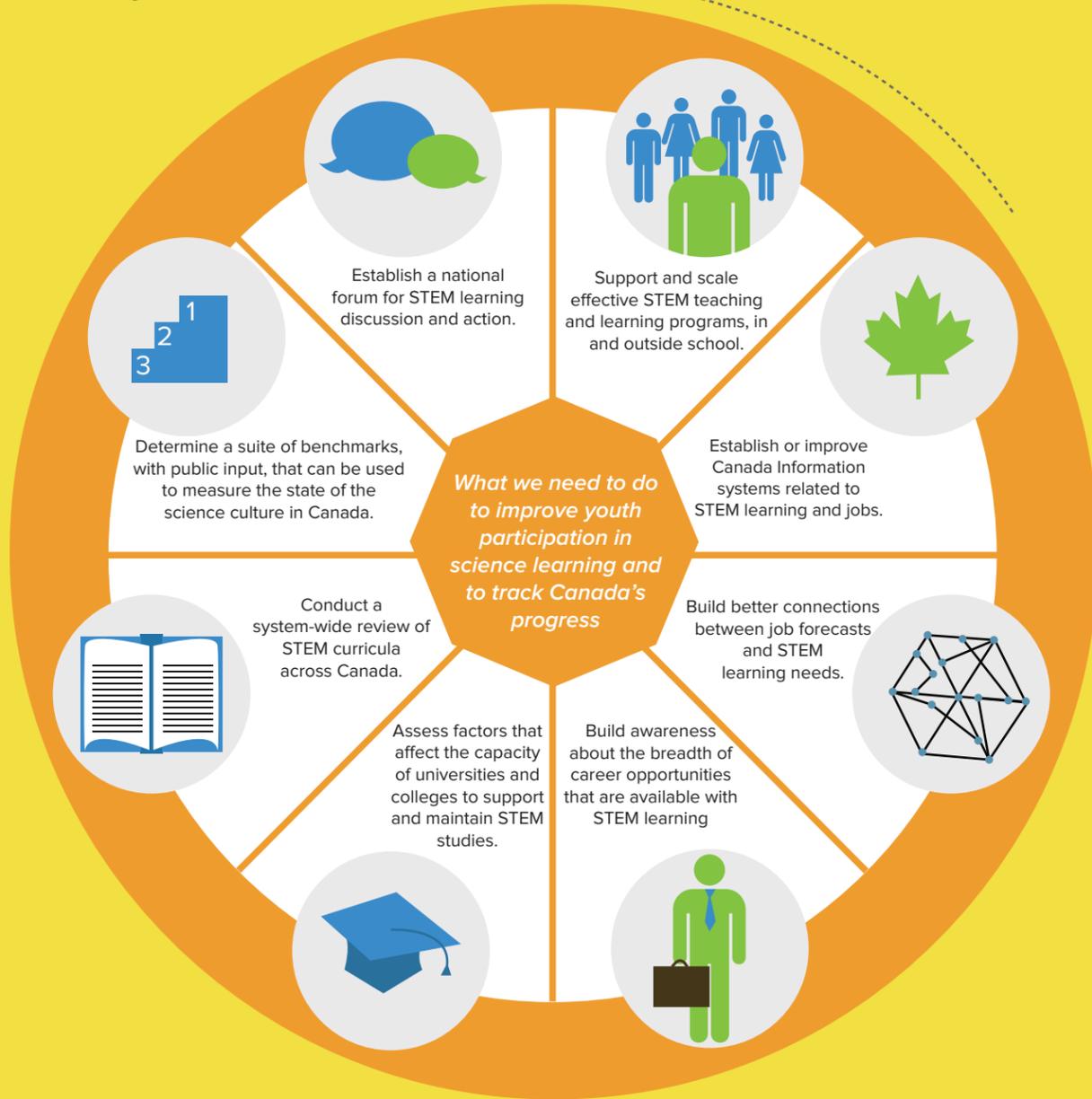
EMPLOYMENT GROWTH

Between 2001 and 2011, the number of people employed in fields requiring science learning increased.



RECOMMENDATIONS

Spotlight on Science Learning identified 11 benchmarks to track Canada's progress. Research and analysis of those 11 benchmarks led to the following recommendations.



WE NEED TO ACT NOW BEFORE CANADA GETS LEFT BEHIND

Achieving greater success in science learning is a shared responsibility, requiring a collective call to action.

