

# 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

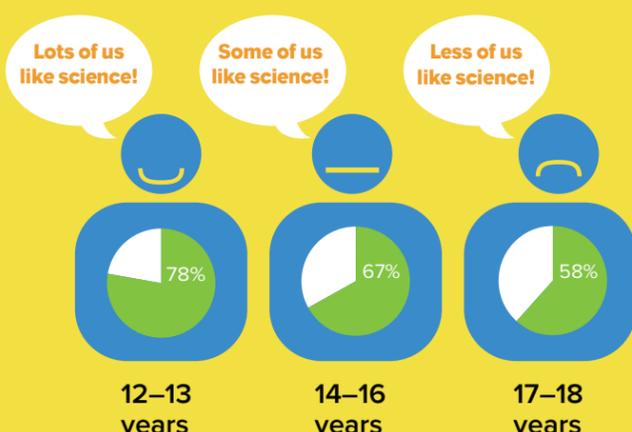
Canada ranked third in overall science performance according to the 2006 PISA results.



### BUT

### WEAK IN SIZE

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

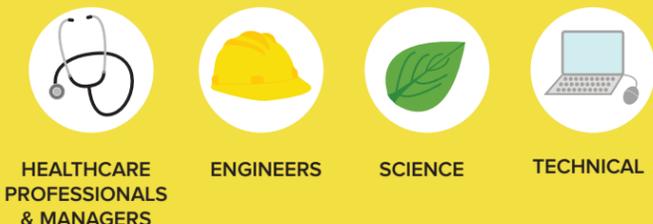


## JOBS OF THE FUTURE NEED SCIENCE

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.

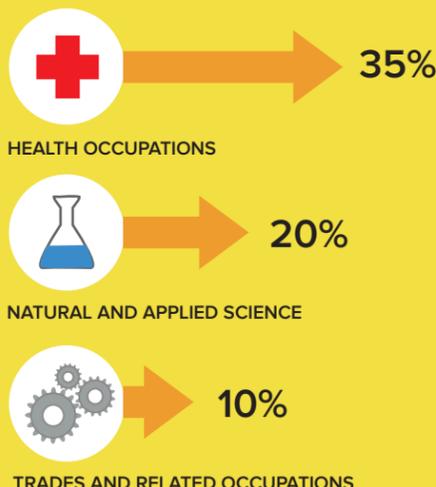
### LABOUR DEMAND

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



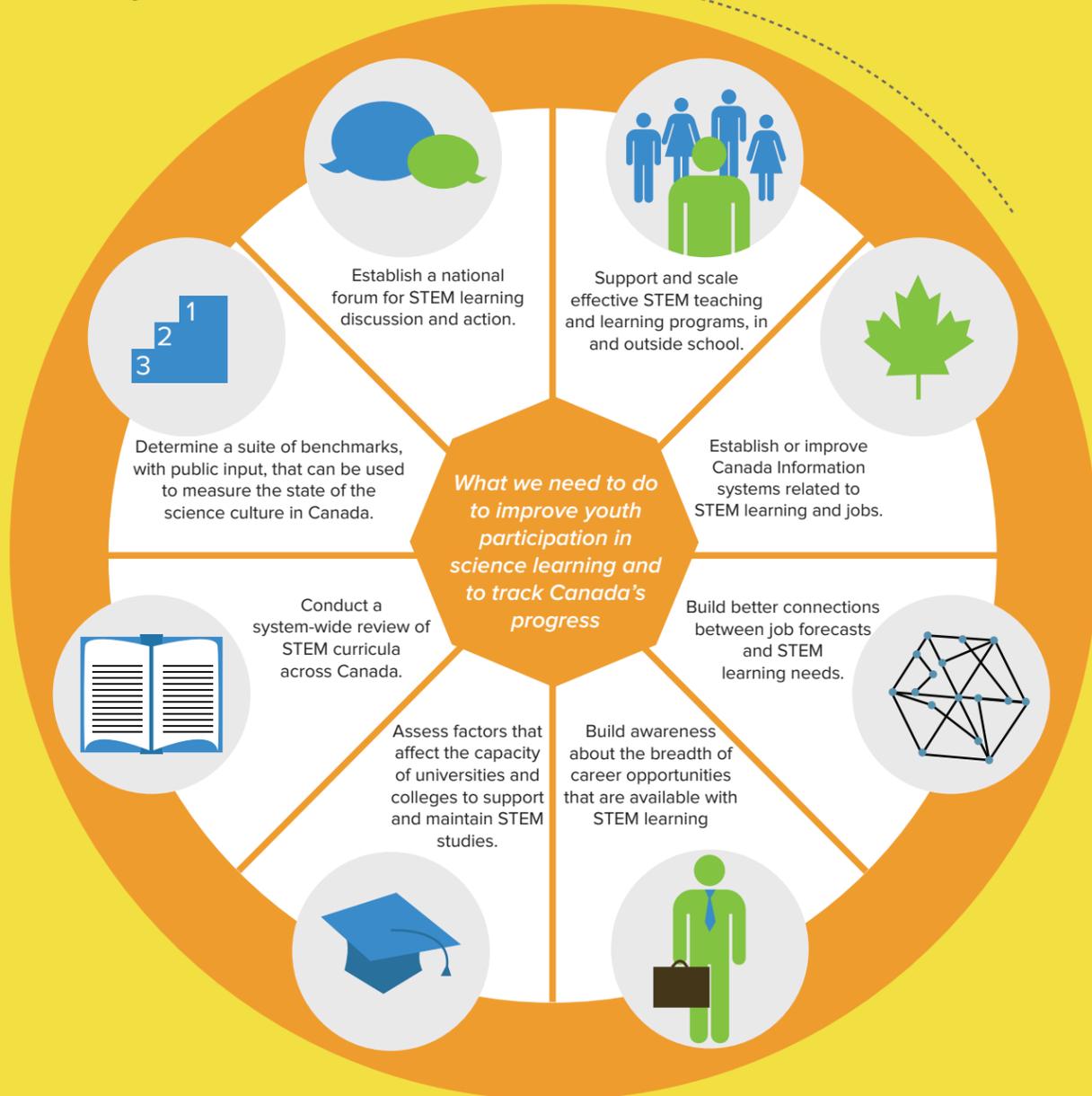
### EMPLOYMENT GROWTH

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.

