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COUNCIL OF MINISTERS OF EDUCATION, CANADA

Provinces release the latest results on the performance reading, and science

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A new report released by the Council of Ministers of Education, Canada (CMEC), prese in Grade 8 (Secondary II in Quebec) in three core areas of learning: mathematics, readi

The Pan-Canadian Assessment Program (PCAP) was first introduced by ministers of ec on how well students are doing in provincial education systems. It complements other p performance to be compared across the country. PCAP also complements key internati the Trends in International Mathematics and Science Study (TIMSS), and OECD's Prog

The latest iteration of PCAP was administered in 2019. Approximately 30,000 Grade 8/S across all 10 provinces, were tested in the spring of that year, with mathematics as the p were also assessed.

The results were very encouraging. At the pan-Canadian level, 90 percent of Canadian proficiency in mathematics that is expected of them (Level 2 or above), and almost 10 p 4). Furthermore, at the provincial level, over 80 percent of students in every province (a

expected standard.

PCAP's three-year cycles began in 2007, so it is possible to compare results over time i science. In mathematics, PCAP data show that achievement in Grade 8/Secondary II im Canada between 2010 (the last time mathematics was the major domain) and 2019. In achievement in Canada overall, and in half of the provinces, between 2010 and 2019; re science, performance improved across Canada, and in half of the provinces, between 2

"Providing students with access to quality education, with a focus on mathematics, is cri prosperity," said the Honourable Stephen Lecce, Vice Chair of CMEC and Minister of Ec we are encouraged to see performance increase across Canada in mathematics and ot science. Strengthening life and job skills and STEM education will help ensure Canadia

Some other key findings from the report:

- In Canada overall, PCAP 2019 shows no gender difference in achievement in ma outcome is different from those recorded by Grade 4 students in TIMSS 2019 and outperformed girls. In reading, PCAP 2019 shows girls outperforming boys in Car consistent with international studies. In science, girls outperform boys in Canada year-olds in PISA 2018, but contrasts with Grade 4 students in TIMSS 2019, whe

- Across provinces, the highest scores in mathematics are found in Quebec, while In reading, the highest average scores are achieved by Ontario students; in scien students score the highest.

- In Canada overall, students enrolled in francophone schools achieve higher resu schools; however, the opposite pattern is seen for reading and science. At the pro language school systems, students in the English systems do better in science ar Mathematics, however, presents a more complex picture: students in the French and New Brunswick outperform their English counterparts, while in Alberta, Manit are not different in the English and French systems. In Quebec, which has a majo in reading and science results between the two school systems.

To evaluate the results compiled in the report, as well as compare PCAP 2019 with prev skills were measured. Students' total scores in each subject area were transposed onto average for the pan-Canadian population set at 500 for the baseline year for each subje number was above or below 500 in subsequent assessments.

PCAP 2019 also collected extensive contextual information from questionnaires comple information will be published in the coming months and should offer insight into some of in mathematics.

The next cycle of PCAP is already underway. PCAP 2023 will focus on science; mathen

For highlights and the full PCAP 2019 report, visit: **https://cmec.ca/746/Public_Report**

For more information

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