

Physics Department Bonanza

The results are in and its official, AY Jackson is a physics juggernaut. On both the Grade 11 and 12 levels students representing this far flung region of our great city showed their prowess in the dazzling world of forces, electricity, heat, light and fluids. Here are the highlights

1. AAPT (Physics Bowl) – This is a US based competition with global participation (it has recently expanded to China) that tests physics concepts under extreme time pressure. AY Jackson were the regional champions for all of Canada in both the Grade 11 and 12 divisions (the Jaguars were the only school to achieve this feat). This is all the more incredible as it is only the third year that our school has competed in this event that is a mainstay in the competitive physics calendar.

Jinpeng Zhou finished second in the regional division 11 standings.

2. CAP Contest – The Mother of all Physics Competitions in Canada. The CAP contest selects for Canada's Olympic Physics Teams and has questions that are more specific to the IB curriculum. AY Jackson placed first amongst all TDSB schools and 4th overall in with respect to all Ontario schools (when comparing top five contestant scores). Outstanding performances by JinPeng Zhou, Rachel Wang, Shuran Wang, Robert Cummings and Jason Kao were key to this success. (AY Jackson has only been involved in the CAP contest for the last three years as well).

3. OAPT Contest – Organized by the Ontario Association of Physics Teachers the OAPT contest is open to Grade 11 students only.

Rachel Wang and Zingpeng Zhao tied for second place for all of Ontario. Six of our students scored in the 90th percentile level.

4. The Sir Isaac Newton Contest (SIN) - The brainchild of the University of Waterloo's Physics Dept, the SIN contest is known for its humorous but challenging questions. Rachel Wang finished a staggering 12th in a field of close to 4500 budding SINners. JinPeng Zhou also scored in the top 1% and Benn Xu finished in the top 2 %. A further four students finished in the 85th percentile and above.

5. Wondercoaster Physics Contest - In a contest that has historically been a source of substantial accolades for Jackson, Vivian Kwan, Nidi Metaj and Jenny Wang continued the tradition by taking First Place in the Creative Design with their 'Once Upon a Wondercoaster' masterpiece.

Well done team!!