## The Study wins physics tournament

On March 6, Weizmann Science Canada held The Shalheveth Freier Physics Tournament at St. George's High School of Montreal. Senior students from St. George's, Bialik, Trafalgar, The Study, Hebrew Academy and Herzliah Snowdon high schools worked hard to build intricate safes based on the principles of physics, which other teams would have to try and break into.

This safe cracking competition enabled the

students to put their physics knowledge to practical uses and the results were astounding. The safes used physics principles such as laser beams, magnets, levers, pulleys, and all six teams exhibited impressive knowledge when questioned by the judges. The judges included Andrea Bianchi, associate professor in the Department of Physics at the Université de Montréal; and from McGill University, Prof. John Crawford; Andreas Warburton, an assistant professor; Zach Grosz, a third year student in Electrical Engineering; and undergraduate student Gilad Ben-Shach.

Although all teams worked tirelessly on

their safes, The Study won the grand prize. Thanks to a generous donation, the whole team won a trip to Israel to compete in the International Shalheveth Freier Physics Tournament. The students and their coach/teacher are off to the Weizmann Institute in Rehovot, Israel on March 31 until April 3.

"This morning, the day of the competition, I was writing a physics test and now I am going to Israel. I am in awe," said Tiffany Madon, a member of the winning team.

Teammate Julie D'Aoust said, "It is a mixture of extreme shock and fatigue. I am so excited right now!"







The 2008 Quebec Regional Shalheveth Freier Physics Tournament winners. From left to right: Lara De Stefano, Amanda McCoubrey, Kelly Miller (coach), Tiffany Madon, Julie D'Aoust. Absent is team