

9TH GRADE PHYSICS COMPETITION

On the first week of physics class, Ms. Pendleton's ninth graders were shown 21 questions and had to choose one or two to answer. Each question was pulled from concepts and topics to be covered throughout physics class, such as, "Why do rainbows form?" and "How do batteries work?". The students did preliminary research the first semester and started building and creating interactive demos and experiments to go along with the answer to their respective questions. Students met with Ms. Pendleton one-on-one for help building circuits, researching ideas, working with lasers and much more. The projects were judged on scientific accuracy and content, visual appeal, clarity, diagrams, equations, creativity and interactivity. Each group or individual gave presentations this last week to Ms. Pendleton during class. The students and the science department (Dr. Goldfine, Ms. Linzey and Ms. Pendleton) have deliberated this past week as the projects have been displayed for all of Yavneh to see downstairs by the science laboratories. For each physics class there is an award for "Best Overall", "Most Creative", "Best Presentation" and "Most Scientific". Many of the projects were amazing and all of them deserve to be proud, but the winners are as follows:

7th Period Physics:

#1 Overall: Jonah Schwarz-Mullin's CD Diffraction Rainbow Project

Most Creative: Jonathan Gross' Tsunami vs. Spiderman Project

Best Presentation: Jared Notelovitz's Earth's Spin Project

Most Scientific: Matthew Stevens' Skydiver Safety Project

9th Period Physics:

#1 Overall: Maayan Abouzaglo, Leah Hirsch and Alisa Rubinstein's Rollercoaster Project

Most Creative: Adam Frydman and Saul Zimmerman's Organ Pipes Project

Best Presentation: Nate Krasovitsky and Ben Levkovich's Lights Dimming Circuit Project

Most Scientific: David Cohen's How a Battery Works Project