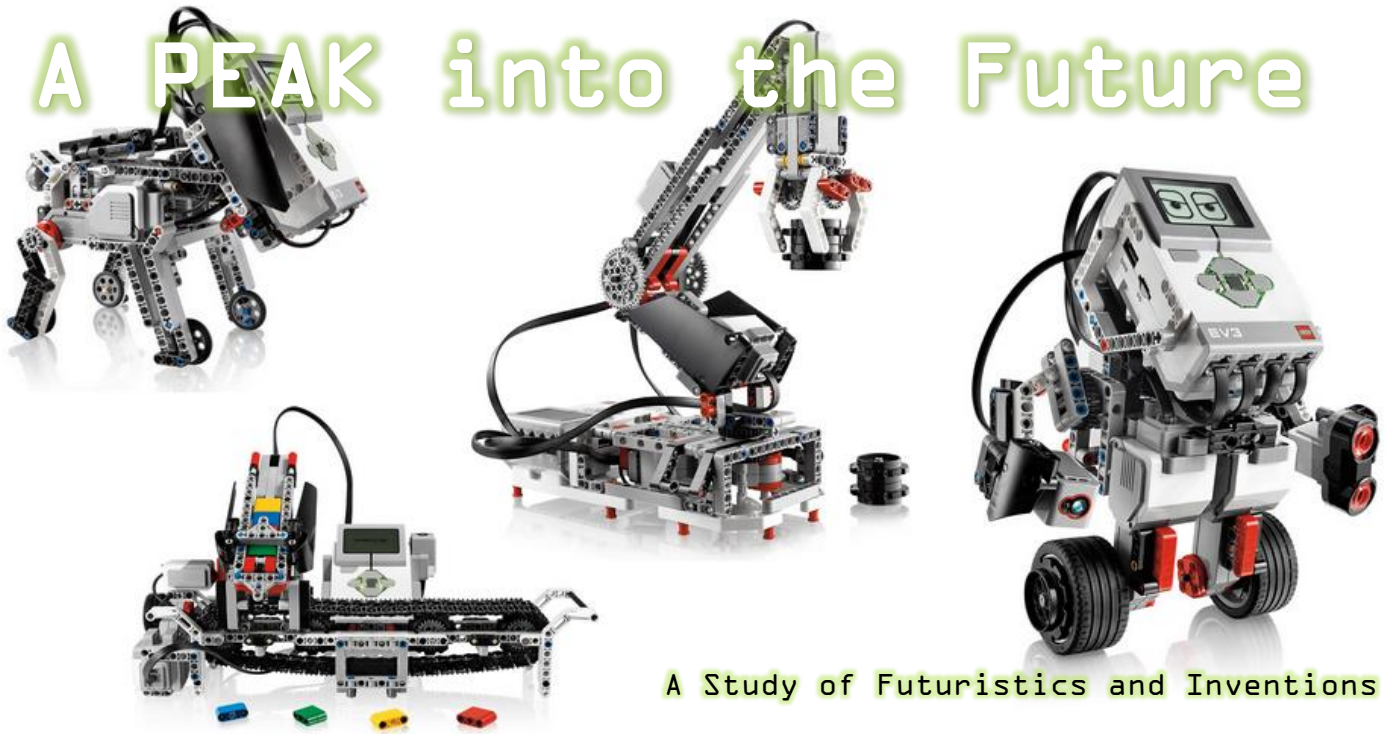


A PEAK into the Future



A Study of Futuristics and Inventions

Dear Parents, Teachers, and PEAKers,

We had our loudest classes yet last week! Students built TONS of interesting projects to amplify the sound coming from iPads. We had tubes, boxes, cones, cups, cans, and so much more as students got as loud as possible! We then measured the output in decibels (dB) with a free app called NIOSH SLM (Sound Level Meter). Please feel free to try this at home- it is very interesting to explore the amplitude (loudness) of sounds are all around us! Students did a great job testing and improving their designs to get the best possible results.

In the afternoons, students planned and participated in their first debates. I was very impressed with their logical skills as they made their own points and argued against the points of the opposing teams. As it is in high school competitive debates, flipping a coin determined which teams were "pro" (for) the inventions, and which teams were "con" (against the inventions). We all learned a lot, and most importantly, saw that there are different sides to any argument.

This week we'll be exploring another cutting-edge invention: robotics. Robotics instructor John Miller will be working with the students as they build Mindstorms robots and program them to do specific tasks. It will be a hands-on lab full of futuristic concepts and equipment!

This Week's Activities: December 2 - 6

| | |
|---|---|
| Research: Expert-Led I can use problem-solving skills with teacher guidance to solve a problem. | Master of Mindstorms - Students will learn about robotics and programming from expert instructor John Miller. Authentic software and equipment will be used. |
| Problem Solving I can use problem-solving skills with teacher guidance to solve a problem. | Mechanical Missions - Students will use Mindstorms robotics equipment to build and program projects to accomplish challenging tasks. |

Release the Robots!,

J. Slead & C. Sieminski

PEAK GT3-5: Winter 2024-25

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|--|----------------------------------|------------------------------------|--|--|
| December 2 Bryant Hawthorne Jim Darcy | 3 Four Georgians Rossiter | 4 Jefferson Smith Warren | 5 Broadwater Central Kessler | 6 PEAK Middle School CRA/HMS |
| 9 Bryant Hawthorne Jim Darcy | 10 Four Georgians Rossiter | 11 Jefferson Smith Warren | 12 Broadwater Central Kessler | 13 PEAK Middle School CRA/HMS |
| 16 | 17 | 18 | 19 | 20 |
| PEAK Middle School/ High School Week (No Elementary PEAK Classes) | | | | |
| 23 | 24 | 25 | 26 | 27 |
| Winter Break No School | | | | |
| 30 | 31 | January 1 | 2 | 3 |
| Winter Break No School | | | | |
| 6 Bryant Hawthorne Jim Darcy | 7 Four Georgians Rossiter | 8 Jefferson Smith Warren | 9 Broadwater Central Kessler | 10 PEAK Middle School CRA/HMS |
| 13 Bryant Hawthorne Jim Darcy | 14 Four Georgians Rossiter | 15 Jefferson Smith Warren | 16 Broadwater Central Kessler | 17 PEAK Middle School CRA/HMS |
| 20 Martin Luther King Day (No School) | 21 | 22 | 23 | 24 |
| PEAK Middle School/ High School Week (No Elementary PEAK Classes) | | | | |