

A PEAK into the Future



A Study of Futuristics and Inventions

Dear Parents, Teachers, and PEAKers,

We all had a great time last week at PEAK learning all about design principles and career paths from experienced Boeing engineer and professional 3D designer Tom Wietecki. Mr. Wietecki gave a very engaging presentation with pictures, videos, design projects, and actual 3D-printed items to discuss both his career in airplane manufacturing for Boeing, and his own 3D-printing business. It was a fascinating look at some of the infinite possibilities in design and technology, and his enthusiasm and expertise were so exciting for our young inventors! Thank you so much, Tom!

This week, student teams will attempt to complete their 3D designs in TinkerCad so that we can print them over the next two weeks (a very time-consuming process). One of the printers we'll be using for these projects is the Prusa MK4 (see the picture above).

Students also learned about SCAMPER, a system of 10 creativity processes. We began by learning the SCAMPER song (please ask your child to sing it to you!) which helps them to remember all the processes. Then we learned about the 10 processes with an in-class demonstration. This week, students will show their understanding by "SCAMPERing" items of their own.

Lastly, we'll take a look at intrapersonal improvements as we examine 2025 resolutions in a classwide activity.

This Week's Activities: January 13 - 17

Intrapersonal: Self-Expression I can express my own interests, values, emotions, etc. within a project.	Resolutions 2025 - Students will celebrate the new year with a look at improving our lives and the lives of others through a New Year's Resolution activity.
Creativity: SCAMPER I can sing the SCAMPER song and participate in a teacher-led demonstration of the processes.	SCAMPERing pt. 2 - Students have learned the SCAMPER creativity method, and learned a song to remember the 10 SCAMPER processes. This week they will put their knowledge to the test.
Problem Solving I can use problem-solving skills with teacher guidance to solve a problem.	Making Life Easier - Student teams will continue to use TinkerCad to design their 3D inventions for printing. The goal is to finish this week.

Developing Detailed Designs,

J. Slead & C. Sieminski

PEAK GT3-5: Winter 2025

January 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)				
27 Records Day (No School)	28 Four Georgians Rossiter AM Bryant Hawthorne Jim Darcy PM	29 Jefferson Smith Warren	30 Broadwater Central Kessler	31 PEAK Middle School CRA/HMS
February 3 Bryant Hawthorne Jim Darcy	4 Four Georgians Rossiter	5 Jefferson Smith Warren	6 Broadwater Central Kessler	7 PEAK Middle School CRA/HMS
10 Bryant Hawthorne Jim Darcy	11 Four Georgians Rossiter	12 Jefferson Smith Warren	13 Broadwater Central Kessler	14 PEAK Middle School CRA/HMS
17	18	19	20	21
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