

4 - 6 DISCOVERY Friday Labs

January 10, 2020

Awesome Abstract Art - Mrs. Elliott - Room 32

Students will learn about artist Paul Klee, identify warm and cool colors, understand watercolor resist, and follow a directed line drawing to create their own version of Klee's Geometric Fish.

Math Escape Escapade - Mrs. Leazer - Room 31

The adventure begins!! Students will be introduced to their escape room series, learn about the aides available for their use, and the fun points system we will use throughout the series! Warming up and learning the procedural ropes, this week's escape will focus on Math review and foundation.

Create Your Own AR Experience - Mrs. Schaaf - Room 19

In this 1st mission students will discover what augmented reality is, how it works, and start creating ideas for your own augmented reality!

Get A Clue - Mrs. Walsh - Room 20

A broken cookie jar . . . a note left behind! Join us as we take our first steps into becoming crime-scene investigators!

Renewable Energy & Wind Turbines - Mrs. Bren - Room 39

We will begin the research for our engineering project this week, investigating what energy is and different types of energy transfers in our world. We will also discuss the difference between renewable and nonrenewable energy resources.

Adventures with Space - Mrs. Bertsch - Room 38

Students will explore the magnitude of space.

EDP - Mrs. Wilson - Room 27

Students will learn safety rules and choose their woodworking projects.

Bubbleology - Mrs. Cornell - Room 33

Students will be learning about the scientific concept of a *fair test*. Students will engage in testing a variety of dishwashing detergents and be challenged to discover which brand makes the biggest bubble. They will then quantify their results.

Breakout EDU - Mrs. Davis - Room 35

To honor Louis Braille, the students in Mrs. Milarkle's class are throwing a birthday party! Mr. Braille was involved in an accident that caused him to lose his vision. The students in Mrs. Milarkle's class are struggling to put the finishing touches on the party because they do not know how to interpret braille. Can you help them decipher these clues and use your knowledge about braille to get this party started? The party is set to start in 45 minutes! Please work together and work quickly!

3D Printing - Mr. Fujii - Room 37

Students will learn how to utilize the basic 3-D printing skills through the implementation of the rotational and following tools in order to familiarize with the Sketchup software.

Beyond the Frame - Mrs. Pepler - Room 34

Our introduction session of Beyond the Frame will cover photography at different angles (up, down and straight angles). How can different angles impact perspective and change a shot? After taking photos, we will learn to use the Snapseed app.

Speed Stacking with Mr. G - Mr. Gerig - Room 43

Students will be preparing for a speed stacking tournament with students planning the event, setting the rules, and formatting the tournament setup. They will also be able to work their stacking skills with the 3-3-3 and the 3-6-3 and learn about the Cycle stack.

Robotics - Mrs. McRae & Mrs. Jordan - Tech Lab

Students will build and program an EV3 robot using inquiry based learning techniques.

Razzle Dazzle Disney Style - Mrs. Ariadne - Room 40

Let's learn Disney Spectacular medley arranged by Mac Huff!! *Be Our Guest, Belle, Arabian Nights* and more. Explore and dance with Disney Dazzle!

Math Olympics - Mrs. Boone - Library Research Room

Students will strengthen their math skills, learn strategies for problem solving, and experience the satisfaction, joy, and thrill of meeting challenges.