



# CREATION EXPLORATION

Homeroom Enrichment emphasis on Engineering, Art, and Peer Collaboration

Pacific Trails Middle School

## **Facilitator Background:**

Kim Klekotka, facilitator for Lunch Lab at Ashley Falls from 2015-2017, Makerspace Enrichment at PTMS from 2016-2019, and now Creation Exploration Enrichment at PTMS. I have been involved in various creative lab space at my children's schools for over seven years (Ashely Falls Elementary, Pacific Trails Middle School and Sycamore Canyon School K-8 in Newbury Park, CA). I am a high school history teacher by training, I taught in public schools for 11 years both in Arizona (Mesa Public Schools) and Missouri (Mehlville Unified School District). I also taught the district's classroom management seminar in Missouri for all new secondary teachers, I understand how to work with students in a non-structured format. I also worked at the University of Missouri-St. Louis as an instructional supervisor for the college of Education as a field supervisor supervising college students completing their practicum and student teaching requirements.

**Location:** MPR, using the long tables for set up.

**Times:** Homeroom Enrichment, select Fridays throughout the year, see below

**Objective:** Introduce students to a variety of fun activities to enrich their educational experience and give extension activities to promote creative and differentiated learning outside the classroom setting.

**Who:** Creation Exploration is open to all students during homeroom. Students must sign up on the google doc's to reserve a space. Space is limited to first 50 students, we average 20 students at this point. All students are welcome, proper behavior is expected or a student will be asked to leave or the administration will be notified.

**How:** Students are to sign up on Google Docs and must sign-in on the sign in sheet upon arrival. Attendance sheet turned into office for verification.

**Monthly Plan:** Each month we will try to vary the activities for students.

October 25th- Airplanes, students to fold and manipulate the airplane for maximum distance. Using a paper clip nose to put into a rubber band launcher. Students to name and decorate plane as they wish.

December 6th- Bristle Bot

A hex bug bot using a 6 mm vibrating motor, Button Cell Battery, toothbrush head, pipe cleaners. Create connections for circuits and learn basic stabilization to a motorized bot.

*Extension for Art:* Add eyes to the bot for flare or dip legs into paint and paint using the bot's pipe cleaner legs on paper.

February 21- Wellness Rocks Re-Beautification Project

March 27th- Builders Day, using wooden blocks, knex materials, straw structures, dominos, paper plate Hoover boards

May 15th- TBA activity