

**K – 3 DISCOVERY Friday Labs
January 10, 2020**

Mrs. Chacon - Room 3 and Mrs. Lonac - Room 2

Kindergarten engineers will design and create a shelter for Tacky the Penguin out of an assortment of materials.

Miss McDevitt - Room 4 and Señorita Gonzalez - Room 1

Young engineers will learn the basics of how gears work and will make simple machines.

Mrs. Dunphy - Room 13 and Mrs. Ness - Room 14

Students will be discovering how the various parts of the WeDo robot system are assembled and the actions they provide. The students are excited to get their hands back into Robotics!!

Mrs. Pilman - Room 12 and Señora Hernandez - Room 11

Student will make their very own tornados in a bottle! They will be engaged with hands on Science and swirling water!

Mrs. Green - Room 9

Students will become botanists as we begin our study on plants and explore our school garden. We will observe soil, dirt and clay along with what is compost and how it benefits the growth of plants.

Mrs. Haney - Room 10

Students will use their engineering and design skills to create their own 3-D maze that meets a set criteria. They will challenge each other to test out the mazes!

Mrs. White - Room 18

Student mathematicians will be creating a 1:4 scale self-portrait using non-standard measuring tools.

Señora Hurd - Room 8

Student engineers will be using the Lego Education WeDo 8 Kits to construct and program a Ferris Wheel using gears, motors, and motion sensors. They will then test and modify their designs as needed.

Mrs. Ayers - Room 26 and Mrs. Cline/Hough - Room 24

Student engineers will design and create a Puff Mobile with only a limited number of supplies. Here's the catch: to make your Puff Mobile move, you can only blow it!

Mrs. Cordova - Room 25 and Señora Schlecht - Room 21

Students will work with our Ipad WeDo 2.0 program to build and program robotic models, focusing on forces and movement.