

Title: Rocking and Rolling with the Mars Rover!

Activity: Participants will learn how NASA engineers design, make, and test tires for NASA Rovers. Know the history of the rover tire design. Participants will also leave with an engineering activity using EV3, Vex, or robots they can use in their classroom.

Materials:

- Vex, EV3, or a robot you use in your classroom. If you have robots with different types/size of wheels
- Tarp, sheet, or anything you are able to put sand/rocks/gravel on
- Different types of sand/soil/rock
- Clay, tinfoil, Press'n Seal, or other items that can go around the robot wheel