



OoR Tech – Session Plan, SPRK Jumps

rev 20180115

Grade Range: All

Prerequisite: SPRK Robot Intro

(10mins)

Talk to students about vertical and horizontal motion and how the combination of these two are described as projectile motion. Explain how the term “trajectory” is the path of an object in projectile motion. Use props to show examples of the different types of motion.

(20-50mins)

Students take turns trying to aim and launch their SPRK robot off the various jump ramps. Other students are encouraged to watch and cheer on the student driving. The other students should also watch how the various ramp angles affect the distance SPRK goes in the air.

Note: Expect about 2-3mins per student to jump, pairing or class splitting is recommended for larger class sizes.

Drive Panel to be used in this session

