

Choose from 10 Workshops!

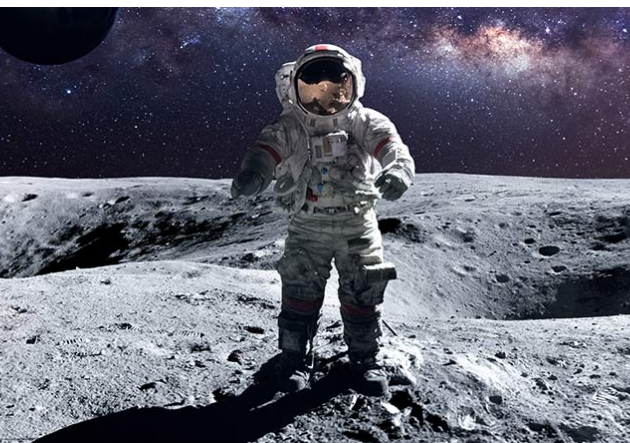
(Each Workshop runs 7-10 minutes)

## Rockets :



Captain Bob discusses how rockets first began. You'll see a movie about early rocket attempts as well as how rockets are used today to send people to space. Students will also learn how to make their own paper rocket model from simple items at home.

## Living on the Moon :



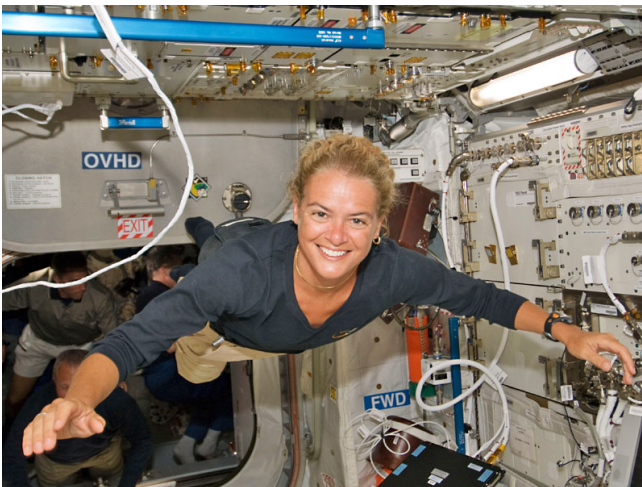
Join Captain Bob as he uses models to demonstrate how astronauts lived on the moon! See a movie of astronauts bouncing (and falling) on the moon! Students can then make their own moon base at home with step by step instructions.

## Robots :



Students will see how early robots worked (and sometimes didn't!) How robots are used in films and how they now explore Mars. Finally, they will be able to make their very own Mars rover from items around the house.

## Floating in Space :



Captain Bob shows students what it's like to live and work in space. Students will be able to watch astronauts having fun on the International Space Station. At the conclusion, they will learn how to make a space station model at home!

## Living on Mars :



In this fascinating show, we talk about how robot rovers work on Mars. Later, we'll watch a movie about how people will one day live on Mars. Students will even be able to build their own Mars Base!

## Flight :



From kites, to the Wright Brothers, to jumbo jets; Captain Bob uses models to show students how flight first began. Then, students will go to the movies and see a film from early planes to modern jets. At the end of this episode, students are shown where to find great videos to make their own paper airplanes.



## Helicopters :



From early attempts to today's high powered helicopters, Captain Bob shows students why they're so important. They'll see a movie of early flights and how they are used today. They'll learn how to make their own hand propelled helicopters at home!

## The Solar System :



Captain Bob brings this big concept down to size, using a basketball and a baseball to demonstrate size. In addition to going to see a movie about the solar system, he'll show students how to make their very own solar system display at home!

## Hot Air Balloons :



Get ready for a very uplifting experience! Human flight began with the invention of balloons. See a movie of flight by the Montgolfier Brothers and balloon festivals today! Captain Bob will also show students how to make their very own hot air balloon model.

## Gravity :



Ready for a down-to-Earth experience? During this episode, students will learn how much they weigh on the moon and planets. We'll watch a movie about the concept of gravity. At the conclusion, Captain Bob will show students how to make their very own 'Anti-Gravity' device!