



## **Space Foundation Discovery Center Field Trip ScholarTrips** **presented by Raytheon**

Thanks to a generous gift from the Raytheon Company, the Space Foundation is offering **Discover Scholarships (ScholarTrips)** to select schools to experience a virtual field trip presented by the Space Foundation Discovery Center, including the extraordinary Science On a Sphere® (SOS).

The Space Foundation Discovery Center, located in Colorado Springs, is the region's first and only space, science and technology center. ScholarTrips are available to all grades K -12 to experience a "Discovery Center Voyage #5 Field Trip;" however, each scholarship class must consist of students from the same grade level as courses are tailored to be grade appropriate. Educators may apply for more than one scholarship for different classes/grade levels that they work with. All courses meet Colorado State academic standards.

### **Who is eligible for the Raytheon Discover ScholarTrips:**

Grades K -12 from schools in the following Colorado school districts are welcome to apply:

- Widefield School District #3
- Fountain/Fort Carson School District #8
- Harrison School District #2.

### **What the Virtual ScholarTrip provides:**

A Discovery Center Field Trip Voyage #5 - Consist of a LIVE Science on a Sphere® presentation followed by time for Q & A. Teachers will be given an engaging hands-on activity and instructions to complete in the classroom. Maximum of 50 students.

### **How to apply:**

Schools/Educators interested in applying for this scholarship opportunity must complete and submit the **Space Foundation Discovery Center ScholarTrip Application** form along with a brief essay describing how such an opportunity will benefit the educators' students.

Apply online at: [www.discoverspace.org/education/scholarships](http://www.discoverspace.org/education/scholarships)

Each application must be approved by either the school principal and/or a district administrator. Educators agree to provide a pre/post field trip evaluation.

Schools/Educators/Students should be made aware that this generous opportunity has been made possible by Raytheon Company. Although not required, at the conclusion of the program we encourage each teacher to have their class write notes of thanks that the Space Foundation will forward on to Raytheon Company.



## Scholarship Timeline:

- Application opens: **Week of October 5, 2020**
- Application deadline: **5:00pm, Friday, October 23, 2020**
- Decision Notification: **Week of October 26, 2020**
- Awarded Field Trips conducted: **November 2, 2020-May 21, 2021**

Please email all scholarship questions to [SFDCReservations@SpaceFoundation.org](mailto:SFDCReservations@SpaceFoundation.org)

## Raytheon Discovery Center Virtual ScholarTrip Descriptions

### Reasons for the Seasons

Students will learn about Earth's tilt and its orbit around the sun, and how these cause the seasons year after year.

**Grade Levels:** K-2

### Tour of the Solar System

Students will learn about the Solar System and Earth's place within it, including the latest information on discoveries and the future of exploration.

**Grade Levels:** K– 12

### Rocketry

Students will learn about rocket design and the past, present, and future of rocket launches. Students will assemble rockets while thinking about how forces like direction and magnitude affect the motion of an object.

**Grade Levels:** 1-12

### Moon Phases

The relative positions and motions of Earth, the Moon, and the Sun can be used to explain observable effects such as seasons, eclipses, and moon phases. Students will learn about these motions to further understand the phases of the moon.

**Grade Levels:** 2-6

### Weather

Weather conditions change because of the uneven heating of Earth's surface by the Sun's energy. Students will learn that weather changes are measured by differences in temperature, air pressure, wind, water vapor and changes in the atmosphere.

**Grade Levels:** 3-8

### Mars

Mars: the fourth terrestrial planet in our solar system and the next great adventure in space exploration. Students will learn about the red planet, its features, and exploration of the past, present, and future.

**Grade Levels:** Grades 3-12