

## Online Star Talk and Virtual Planetarium Tour in the safety and comfort of your classroom

Attention classroom teacher(s):



*I am a “retired” elementary teacher with over 36 years experience in the classroom. My specialization was science, but my passion was always astronomy. I have developed a number of digital astronomy presentations by grade level designed for zoom technology and suitable for the projection screen in your classroom. Each of the programs includes a Starlab-like tour of the current night sky using the same planetarium and simulation software found in STARLAB. Time for students’ questions follow every presentation and several follow-up lesson plans are e-mailed to you, the classroom teacher.*

*At your invitation and via Zoom meeting software, I can present any one of these topics to your students in the comfort and safety of your classroom. I will even e-mail you a related follow-up classroom activity at the end. I can do a maximum of six classes to single grade levels per day. The cost is **\$50 per class, \$125 for three classes, or \$200 for six.** You need only invite me with your Zoom link and provide a semi-dark classroom and projection screen.*

### **Programs Offered as of September 2021**

#### **The sun, moon and stars (grades K–2)**

This digital presentation introduces your young people to the sun, moon, and stars and how they can be seen the current night sky. *30 min + questions.*

#### **Stories in the sky (grades K-4)**

This digital presentation introduces young learners to the constellation pictures and stories in the night sky. A classic Greek and first nation sky story is included in the presentation. *30 min + questions.*

#### **Max Goes to the Moon (grades 1-3)**

This 15 minute NASA sponsored, professionally narrated planetarium show is about how Max the astronaut dog, helped mankind return to the moon, this time for good. The story is followed by a virtual planetarium trip to the moon. *30 min + questions*

#### **The sun’s family of planets (grades 3-5)**

This digital presentation introduces students to the wonders of our solar system including the sun and its family of planets. *40 min + questions*

#### **Meteors, asteroids and the death of dinosaurs (grades 5-8)**

This digital presentation looks at and explains meteors or “shooting stars” to your students and their connection to asteroids and the death of the dinosaurs 65 million years ago. *40 min + questions*

### **Our place in the universe (grades 6–8)**

This digital presentation helps students know their address in space as they learn the answer to where earth is in the vastness of the universe. *40 min + questions*

### **All about the moon (grades 5-8)**

This digital presentation explores our nearest neighbour, the moon. Students will learn about its origin, lunar eclipses, tides on the earth as well as past and current lunar exploration. . *40 min + questions*

### **Amazing aurora (grades 5-10)**

This digital presentation explores the phenomenon of the northern lights and its connection to activity on our sun. *40 min + questions*

### **Harry Potter Universe (grades 4-8)**

This digital presentation explores the Harry Potter universe and how astronomy plays into the names of the characters and activities at the Hogwarts School of Magic. *40 min + questions*

### **Constellations – What is your sign? (grades 6-9)**

This digital presentation examines the difference between astronomy and astrology and teaches students concepts of the ecliptic, and the 12 zodiac constellations. *40 min + questions*

### **Surviving a Black Hole (grades 6-10)**

This digital presentation examines the phenomenon of the black hole, how we found them, where they are and how we can survive in their presence. *40 min + questions*

### **Universe – from beginning to end (grades 7-9)**

This digital presentation examines how our universe began, how the sun and earth formed, and how everything will ultimately come to an end. *40 min + questions*

### **The possibility of life in the universe (grades 9-12)**

This digital presentation explores the possibility that there may be life elsewhere in the universe. Students learn the basics of what created life on earth and if those conditions exist in other worlds. *40 min + questions*

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