

Eclipses: Distance Learning Activities

April 6- April 10 Lesson Plan for Grade 7, Science

Prepared by Mrs. Higgins

OVERVIEW & PURPOSE

The student will be able to describe the relationship between the Earth, Moon and Sun, focusing how Eclipses occur.

MONDAY

1. Create a model of a Solar Eclipse using things around your house. Use the diagrams to help you.
2. Take a picture (or draw it and keep it in your binder) and post to the google classroom. MAKE SURE TO LABEL THE SUN, MOON, AND EARTH.
3. During what Moon phase would a solar Eclipse occur? _____

TUESDAY

4. Create a model of a Lunar Eclipse using things around your house. Use the diagrams to help you.
5. Take a picture (or draw it and keep it in your binder) and post to the google classroom. MAKE SURE TO LABEL THE SUN, MOON, AND EARTH.
6. During what Moon phase would a Lunar Eclipse occur? _____

WEDNESDAY

1. Using any round object at your house to represent the Moon, use a lamp or flashlight as the Sun and your own head as the Earth, demonstrate both solar and lunar eclipses. Describe your experience. Was one eclipse easier to create than the other?

THURSDAY

1. Using any NON-INTERNET resource that you have available (science notebook, your brain...), predict the date of our next possible solar eclipse.
2. Post your prediction AND DEFEND YOUR ANSWER in the google classroom or write it down here: _____

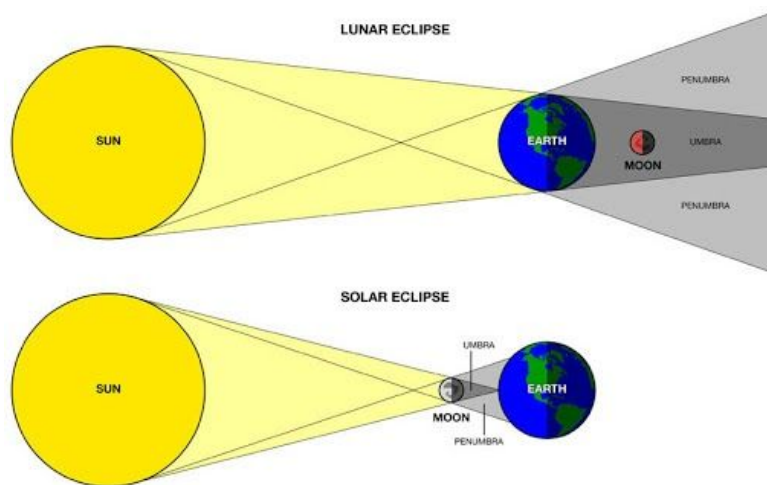
FRIDAY

The day you all have been waiting for...

1. Kahoot! Challenge At 10:00 AM-4:00PM. You can complete the challenge any time between 10:00am and 4:00pm
2. Bring your Moon phases knowledge!
3. I will post the game code in the google classroom and send it out through Remind.

*If you are not able to participate in Kahoot! Please create three quiz questions, with answers and ask some family members. See who can get them all right! Keep the questions in your binder.

Eclipse diagrams



STATE STANDARD

Strand 6: Earth and Space Science Earth and Space Science provides the foundation for students to develop an understanding of the Earth, Concept 3: Earth in the Solar System Understand the relationships of the Earth and other objects in the solar system.

PO 2. Construct a model for the relative positions of the Earth, Sun, and Moon as they relate to corresponding eclipses.