

Moon Phases: Distance Learning Activities

March 30- April 3 Lesson Plan for Grade 7, Science

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OVERVIEW & PURPOSE

The student will be able to describe the relationship between the Earth, Moon and Sun, focusing on the phases of the Moon

MONDAY

1. Sign up for REMIND to stay in contact with your Science teacher (including question of the day and Kahoot game pins)
2. Please enter the following link into your web browser:
<https://www.remind.com/join/f87bdh>

TUESDAY

1. Find out what phase the Moon is in today.
2. Using objects around your house, show where the moon is in its orbit.
3. Take a picture of your model (or draw it), labeling the Earth, Moon, Sun and post it to the google classroom.

WEDNESDAY

1. Using the model you created yesterday, show the following phases in this order, labeling the Sun, Moon, and Earth:
 - a. New Moon
 - b. First quarter
 - c. Full Moon
 - d. Third (last) quarter
2. Post your pictures (or draw them and keep them in your binder) to the google classroom

THURSDAY

1. Using any NON-INTERNET resource that you have available (science notebook, your brain...), predict the date of our next full moon.
2. Post your prediction in the google classroom or send me a message using REMIND

FRIDAY

The day you all have been waiting for...

1. Live Kahoot! At 10:00 AM.
2. Bring your Moon phases knowledge!
3. I will post the game code in the google classroom and send it out through Remind.
4. Winner gets to pick the bonus Kahoot! topic.

STATE STANDARD

Strand 6: Earth and Space Science Earth and Space Science provides the foundation for students to develop an understanding of the Earth, its history, composition, and formative processes, and an understanding of the solar system and the universe. Students study the regularities of the interrelated systems of the natural world. In doing so, they develop understandings of the basic laws, theories, and models that explain the world (NSES, 1995). By studying the Earth from both a historical and current time frame, students can make informed decisions about issues affecting the planet on which they live.

Concept 3: Earth in the Solar System Understand the relationships of the Earth and other objects in the solar system.

PO 1. Explain the phases of the Moon in terms of the relative positions of the Earth, Sun, and Moon.