

COMMON CORE
Lessons & Activities

SPACE SCIENCE

Reading for Information

Higher-Order Thinking

Writing Prompts

Current Events Analysis

Vocabulary

Cause & Effect

Graphic Organizers

& More!

REPRODUCIBLE




































One teacher is allowed to make copies for use in her/his classroom!



OBSERVE AND RECORD

Moon Observation Journal

Document your observations of the moon over the next five weeks. Draw how it looks each night and label the full moon, new moon, crescent moon, quarter moon, etc. Be sure to note the date you start and end your journal.

| Moon Observation Chart | | End Date: | | | | | |
|------------------------|---|---|---|---|---|---|---|
| | | Sunday | Monday | Tuesday | Wednesday | Thursday | |
| Start Date: | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| |  |  |  |  |  |  |  |
| | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| |  |  |  |  |  |  |  |
| | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| |  |  |  |  |  |  |  |
| | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| |  |  |  |  |  |  |  |
| | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| |  |  |  |  |  |  |  |

PRIMARY SOURCE ANALYSIS

Space Quotations

Read each quotation from people who have traveled in space. Complete the chart and answer the questions.

| Quotations: | What each quote means to me: |
|---|------------------------------|
| <p><i>"We were flying over America and suddenly I saw snow...I have never visited America, but I imagined that the arrival of autumn and winter is the same there as in other places, and the process of getting ready for them is the same. And then it struck me that we are all children of our Earth." — Aleksandr Aleksandrov, Bulgarian cosmonaut</i></p> | |
| <p><i>"The first day or so, we all pointed to our countries. The third or fourth day, we were pointing to our continents. By the fifth day, we were aware of only one Earth." — Sultan bin Salman Al-Saud, Saudi Arabian astronaut</i></p> | |
| <p><i>"For those who have seen the Earth from space...the experience most certainly changes your perspective. The things that we share in our world are far more valuable than those which divide us." — Donald Williams, US astronaut</i></p> | |

1. What is the common theme shared by all three quotations?
2. Do the quotations represent objective (factual) or subjective (personal) perspectives from the astronauts and cosmonaut?
3. A. Infer the feelings that the astronauts and cosmonaut were experiencing when they viewed Earth from space.
B. Research other quotes from astronauts about viewing Earth from space. Imagine you are an astronaut. Write a paragraph about what you see, think, and feel as you view your planet. Share your paragraph with the class.

VOCABULARY

Space Science Vocabulary

Use a dictionary and other resources to complete the graphic organizer for each vocabulary word.

asteroid

constellation

star

comet

orbit

atmosphere

meteor

astronomy

galaxy

astronaut

eclipse

telescope

| Word | Definition |
|-----------------------------|-------------------|
| Use It in a Sentence | |