



ELEMENTARY CLASSROOM ACTIVITY

Voyage to the Moon

OBJECTIVE

After exploring the Moon through readings and a virtual 3D model, students will create a persuasive advertisement encouraging citizens to sign up for a future trip to the Moon.

MATERIALS

- Device with the ability to project, one for the instructor
- All About the Moon [packet](#) (print pages 2–7 of the webpage) *or* devices*, enough for half the class
- Moon Exploration handout, enough for half the class
- Visit the Moon handout, enough for half the class
- Coloring materials, for the class to share

*Note: It may be easier to manage the class if you provide a printout rather than having the students access the webpage on devices. Check with the classroom teacher in advance to see what s/he recommends.

ENGAGE

Begin by projecting this [3D Moon Model](#). As the class observes the Moon from different angles, encourage students to:

- Use the prompt “*I see...*” to explain what they see.
- Use the prompt, “*I think...*” to tell a partner what the image makes them think about.
- Use the prompt, “*I wonder...*” to share their wonderings with the class.

EXPLORE

- Divide students into pairs and either distribute one All About the Moon packet to each pair or guide pairs in accessing the All About the Moon webpage using tinyurl.com/rm5jlcc.
- Take a moment to *preview** the content together and discuss what it looks like the text is mostly about.
- Before students begin reading, pass out the Moon Exploration handout to student pairs and take a moment to review it together. Ensure students understand that:
 - They should fill in this handout as they come across interesting facts and details that may inspire people to visit the Moon.
 - Once they finish reading, they should record one question they still have.
 - There are no right or wrong answers as long as their responses are based on the text!
- Then, instruct pairs to read the text together and fill out their Moon Exploration handout.

*When you preview a text, you skim it before reading it fully. As you skim, you look at the text's different features to get an idea of what the text will be about.

APPLY

- Share with the class that the last time humans were on the Moon was in 1972, but the United States is working hard to send astronauts back to the Moon soon. One day before too long, it will likely be possible for regular people who are *not* astronauts to travel to the Moon too—just like people are now able to travel to different states and countries! There are many exciting careers that will help us get there like systems engineers that design and monitor stages of operations and spacecraft operations engineers that support mission planning and ground system operations.
- Distribute one Visit the Moon handout to each pair and review the handout's instructions. Encourage students to think about what they would like to create (a draft of a poster, a flier, an email, a website advertisement, etc.) and then design a persuasive advertisement based on the facts they learned from their reading. Remind students to use their Moon Exploration handout notes to help them.

Tip: It may be helpful to show students how to integrate their notes into their advertisement. For instance: Students could incorporate their question into their advertisement by including a header that says: Have you ever wondered about _____?

- If time allows at the end of the session, encourage pairs to share their work with each other!

K-2 CONSIDERATIONS

- Keep the age level of the students in mind as you explain concepts and substitute simpler words as needed.
- Project the All About the Moon webpage or distribute the packet to student pairs, and then read through the information as a class. (You do *not* need to read every section.) As you read together, work as a class to complete a large version of the Moon Exploration handout on the board. Student pairs can then complete the *Apply* section independently.

MOON EXPLORATION

Three interesting facts about the Moon:

1.

2.

3.

Two reasons people may want to visit the Moon:

1.

2.

One question we still have about the Moon:

1.

VISIT THE MOON

Directions: In the space below, create a draft of a flier, poster, email, or website advertisement that encourages people to sign up for a trip to the Moon. Use your Moon Exploration handout notes to help you!

A large rectangular area defined by a dashed border, intended for students to create a draft of a flier, poster, email, or website advertisement.