

# The Moon Over Star

## RIF EXTENSION ACTIVITIES FOR EDUCATORS

### THINK-TAC-TOE ACTIVITY OPTIONS

- ◆ Individual students can choose an activity to complete.
- ◆ Student pairs or cooperative groups can work together on a choice of their own.
- ◆ Educators can assign an activity for an individual, pairs or groups.



<p style="text-align: center;"><b>WEIGHTY MATTERS</b></p> <p>Gravity is much weaker on the moon than on Earth. In fact, on the moon you'd only weigh <math>\frac{1}{6}</math> of what you weigh on Earth! How much would each of these weigh on the moon:</p> <ul style="list-style-type: none"> <li>◆ a car (4,000 pounds)</li> <li>◆ a nickel (5 grams)</li> <li>◆ a bar of soap (3 ounces)</li> <li>◆ you!</li> </ul> <p style="text-align: center;"><i>Science/Math</i></p>	<p style="text-align: center;"><b>BRAVE NEW WORLD</b></p> <p>You've just discovered a new planet! Write a newspaper article about your discovery. Where is your planet? What's it called? How big is it? Are there any aliens living there? Tell us all about it. Remember that a good newspaper article has a <i>headline</i>.</p> <p style="text-align: center;"><i>Science/Creative Writing/Word Smart</i></p>	<p style="text-align: center;"><b>WHAT'S IN A NAME?</b></p> <p>The planets in our solar system have some strange names. Research the sources of the planets' names and make a brochure or poster with your findings. Be sure to make your brochure or poster colorful and interesting!</p> <p style="text-align: center;"><i>Science/Informative Writing</i></p>
<p style="text-align: center;"><b>MANY MOONS</b></p> <p>Earth isn't the only planet in the solar system that has a moon. Find out how many moons each planet has. Show your findings on a bar graph. Which planet has the most moons? The fewest moons? If you wish, draw your favorite planet and show its moons.</p> <p style="text-align: center;"><i>Math/Science</i></p>	<p style="text-align: center;"><b>THE MAN IN THE MOON</b></p> <p>You've probably heard people talk about "the man in the moon." Pretend you are the man (or woman!) in the moon. Are you lonely? Bored? How do you feel when astronauts come and land on you? Write a journal entry about a day in the life of the (wo)man in the moon.</p> <p style="text-align: center;"><i>Science/Creative Writing</i></p>	<p style="text-align: center;"><b>LIKE, YOU KNOW</b></p> <p>This story uses a lot of <i>similes</i>, like saying the stars were "gleaming like spilled sugar." Similes help writers paint pictures with words. Write a short story describing your classroom or your bedroom at home. Use as many similes as you can. Be creative!</p> <p style="text-align: center;"><i>Word Smart/Creative Writing</i></p>
<p style="text-align: center;"><b>EXPLORATION STATION</b></p> <p>Imagine you're an astronaut exploring a new planet. When you step out of your spaceship, what do you see? Write a story or draw a comic strip about what you find and what happens on your trip to explore a new planet.</p> <p style="text-align: center;"><i>Word Smart/Narrative Writing</i></p>	<p style="text-align: center;"><b>MEASURING UP</b></p> <p>In the story, Mae says that the moon is 240,000 miles from Earth. How far is that in inches? Feet? Measure how tall you are in feet and inches. How many of you stretched out from head to foot would it take to reach the moon? (Don't worry, you can use a calculator!)</p> <p style="text-align: center;"><i>Math/Science</i></p>	<p style="text-align: center;"><b>MUCH "TO DO"</b></p> <p>Mae wants to be an astronaut when she grows up. What do you want to be? Choose a job. What do workers do who have this job? Research how to get a job like this. Make a "to do" list of at least 10 things you need to do to get your dream job. Draw pictures to illustrate your list.</p> <p style="text-align: center;"><i>Word Smart/Informative Writing</i></p>

