

A Full Moon Is Rising

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.
- ◆ Educator can assign an activity for an individual, pairs, or groups.

<p>ALONE IN THE UNIVERSE?</p> <p>Earth isn't the only planet with a moon. Research to find out about other moons in our solar system. How many are there in total? Which planet has the most? Does every planet have a moon? Show your findings with a poster, PowerPoint, or model.</p> <p><i>Science, Math</i></p>	<p>FLY ME TO THE MOON</p> <p>Visit www.google.com/moon to see satellite images of the moon. Download Google Earth to take a guided virtual tour of NASA's lunar landing sites. Who was the first astronaut on the moon? Does NASA still send missions to the moon?</p> <p><i>Science, Technology</i></p>	<p>MAN ON THE MOON</p> <p>What if you lived on the moon? What kind of house would you need? Research to find out what life would be like on the moon. Design a house that would make it safe for you to live there. Think about how you'd breathe, stay warm, and handle the low gravity.</p> <p><i>Science, Engineering</i></p>
<p>MAP IT OUT</p> <p>Pick 5 locations from the book. Use www.maps.google.com to make a map showing all of them (you'll need a Google account) or draw a map by hand. Which locations are closest together? Which are farthest apart? What would be the best way to travel between all of them?</p> <p><i>Math, Technology, Social Studies</i></p>	<p>LOCATION DIFFERENTIATION</p> <p>Choose one of the locations in the book and research to find out more about it. What's the climate like? Who lives there? What language(s) do they speak? What do they eat? Make a Venn diagram to compare that location with where you live.</p> <p><i>Social Studies, Science</i></p>	<p>MOON OVER...ME!</p> <p>Oops—the author of the book left out your hometown! Make a new page for the book. Write a poem about the full moon where you live. Draw a picture to go with your poem. Don't forget to give your poem a title!</p> <p><i>Writing, Art</i></p>
<p>SIZE MATTERS</p> <p>Based on diameter, the moon is about 1/4 the size of Earth. To see what that looks like, use a ruler to measure items in your classroom. Record your measurements. Can you find an item that's 1/4 the size of another item? Can you find more than one?</p> <p><i>Math, Science</i></p>	<p>MR. MOONLIGHT</p> <p>Have you heard the phrase “man in the moon”? What if there really <i>were</i> a man in the moon? What would he do all day? Is he lonely? Does he talk to the planets? Does he get cold in space? Write a poem or story or draw a comic strip about a day in the life of the man in the moon.</p> <p><i>Writing, Science</i></p>	<p>JUST A PHASE</p> <p>What are the phases of the moon? Does the moon actually change shape every night? Research to find out. Using the art supplies in your classroom, build a model of the earth and the moon to explain the moon's phases.</p> <p><i>Science, Engineering</i></p>