

CHECK IT OUT	WHAT TO DO	WHAT TO ASK...
<p>1</p> <p>The graham crackers are the lunar surface, the rock or box is a large asteroid!</p>	<p>Drop the asteroid, from about waist high, into the container.</p>	<p>What happens after you drop it once?</p> <p>After dropping it five times?</p> <p>After dropping it twenty times?</p> <p>What changed from one impact to five to twenty?</p>

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<p>2</p> <p>The pictures of astronauts' spacesuits and the lunar surface show dust EVERYWHERE!</p>	<p>Answer these questions...</p>	<p>What do the graham crackers represent?</p> <p>What does this tell us about how impacts by asteroids and comets contribute to the breakdown of rocks on the Moon?</p>

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<p>3</p> <p>The Earth's crust has also been broken down into boulders, rocks, and the soil you see on the table.</p> <p>Wind, flowing water, and other processes break down Earth's surface. Only once in a while does an impactor make it through Earth's atmosphere today to help this process.</p> <p>Only impacts are creating lunar dust! There is no water, wind, or other processes on the Moon.</p>	<p>Answer these questions...</p>	<p>Earth soil is very different than Moon soil.</p> <p>Can you feel moisture in the Earth soil?</p> <p>Are you able to detect the "rainy day" smell — evidence of life?</p> <p>Add questions about the lunar soil stimulant</p>

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<p style="text-align: center;">4</p> <p>The Apollo astronauts explored six small areas on the Moon and left their footprints preserved in the dust.</p>	<p>Make your own footprint to remember your explorations today! Take off your shoe and press it against the back side of your <i>Future Moon: The Footsteps of Explorers</i> comic panel. Make a rubbing on the front side by coloring with a crayon held flat (instead of with its tip) against the back side of the page.</p>	<p>What is the future of the Moon in your life? Will you be a scientist or an astronaut? A poet or an artist? Or, will you enjoy the Moon simply by looking at it?</p> <p>Write your answer next to your footprint!</p>