

# Craters Lesson Plan and Experiment

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# Craters Lesson Plan Materials

Materials for lesson:

1. Recording sheet
2. video or book about craters
3. Different objects to drop in moon buckets
4. Moon buckets

How to make a moon bucket:

All you need is a plastic container. Add enough rice to fill up the container about an inch. Then pour flour on top of the rice and smooth out. Now you have a moon bucket! 😊

# Craters Lesson Plan

1. Introduce the lesson by asking if anyone has ever heard of a moon crater. Then tell them that they will be watching a very short clip about moon craters and how they are formed.
2. Go to Discovery education and watch the 2 minute video segment on moon craters from the video "A closer Look at Space: The Moon".  
<http://app.discoveryeducation.com/player/view/assetGuid/1058A1CB-2FC3-4B8C-A47A-B1FACF789380>
3. While watching the video, pause in different sections to ask questions for comprehension.
4. Be sure to point out that the big craters are created by comets and asteroids and that the small craters are created by meteoroids. They will need to know this when doing their experiment.
5. Lay down a big sheet of paper or tarp to put under the box for the experiment.
6. Have students drop different objects into the moon bucket to make their craters.
7. As they drop in their craters, they should measure their craters using a ruler, and record their data on their recording sheet. They can also draw a picture of each crater as they drop their object and write whether they think the object was more like a comet/asteroid or a meteoroid based on the size of the craters.
8. Tell students that they can make these at home and experiment with objects around their house, then compare those objects to comets, asteroids, and meteoroids.

# Moon Craters Experiment

Name: \_\_\_\_\_

object	cm deep	picture of the crater	Is this more like a meteoroid or comet/asteroid?

# craters



# Thank you!!!

Thank you for downloading!!!

I hope you enjoy your experiment with craters!

Please email me with any comments or questions at [amydarley@gmail.com](mailto:amydarley@gmail.com)

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