



Space Geologist

Provided by:
 Iowa State University Extension
 and Outreach, Scott County
 875 Tanglefoot Lane
 Bettendorf, Iowa 52722
 563-359-7577
www.extension.iastate.edu/scott

Information	Program Description
2nd-5th Grade, but can be adapted for younger and older students.	Students will explore space through the eyes of space geologist Adriana Ocampo. They will learn more about space through lessons on impact crater, craters, and Earth's history.
Curriculum Format	<p>Each lesson can be presented in 45-60 minutes.</p> <p>Teaching Guide with complete instructions is provided.</p> <p>Teaching Kit with materials needed to present lessons is provided. User may need to provide standard classroom supplies (pencils, scissors, glue). If a lesson requires perishable items (e.g. milk), user is responsible for these purchases.</p>

Lesson	Overview
One: Meet Adriana	Students will watch a video about space geologist Adriana Ocampo. Then, they will examine a photo of an impact crater on the Moon.
Two: Crater Maker	Students will study craters and develop their own expertise on how impact craters take shape and the patterns they make.
Three: Vanishing Craters	Students will watch the effects of rain on a model crater and then consider the effects of all kinds of weather. They will make a crater model and test the effects of rain on its surface.
Four: Digging into the Past	Students will explore Earth's history. Then they will take a tour from beginning to the present using their arm as a guide.
Five: Digging into the Past	Students will learn how to create a core sample and work in partners to make a set of geological layers.

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