

Project Venture Lesson Plan Format

Name:	Daryl Sears	Title:	Layers of the Earth
Grade Level:	Three	Subject Area(s):	Science
School/District:	Colina/Kyrene	Time Frame:	2 one hour class periods

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STANDARDS:	<p>Use AZ State Content and Technology Standards - Include only the standards and concepts that will be assessed using the reference # and description.</p> <p>URL:</p> <p>Technology: 1T-F3 Use developmentally appropriate technology resources to access information and communicate electronically.</p> <p>PO3 Print documents text or image</p> <p>Other content areas: 6SCF-1 Describe basic earth materials (rocks, soil, water, and gases) and their physical properties. PO1 Identify the physical properties of earth materials.</p> <p>W-F2 Use correct spelling</p>
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OUTCOMES:	<p>Kyrene Target Indicators (Please include reference numbers.)</p> <p>Technology Create a new slide card or presentation</p> <p>Language Correctly spell words</p> <p>Science Describe the major layers of the earth</p>
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ASSESSMENTS:	<p>How will student learning be assessed? What criteria or rubric will be used to evaluate the lesson/unit?</p> <p>A checklist will assess this learning. The following items must be checked off:</p> <p>The student drew three distinct layers of the earth ____</p> <p>The student correctly labeled the layers ____</p> <p>The layers were correctly spelled ____</p> <p>The layers were colored ____</p> <p>The student printed out the model ____</p>
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PRE-REQUISITE KNOWLEDGE:	<p>*Think about content area and technology pre-requisite knowledge</p> <p>Students must have knowledge about the layers of the earth: Inner Core, Outer Core, Mantle, and Crust. The AIMS lesson “What’s Inside?” should have been taught before going into the computer lab. This lesson is included.</p>
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LEARNING ENVIRONMENT:	<p>Briefly describe where the learning will take place and how students will interact with others.</p> <p>This learning will take place in a computer lab.</p>
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Tools and Resources

NUMBER OF COMPUTERS:	<p><input type="checkbox"/> Lab setting</p>
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SOFTWARE:	<p>Kid Pix</p>
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PERIPHERALS:	<p>Projection System Printer</p>
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INTERNET URL'S:	
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PRINTED MATERIALS:	<p>Please include file name and short description of printed material or URL</p> <p>Prior to going to the lab, the teacher should present the lesson "What's Inside?" from AIMS. (See Copy)</p>
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SUPPLIES:	<p>For the AIMS lesson, you will need:</p> <p>An apple A knife A globe</p>
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RESEARCH MATERIALS - BOOKS:	
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OTHER:	
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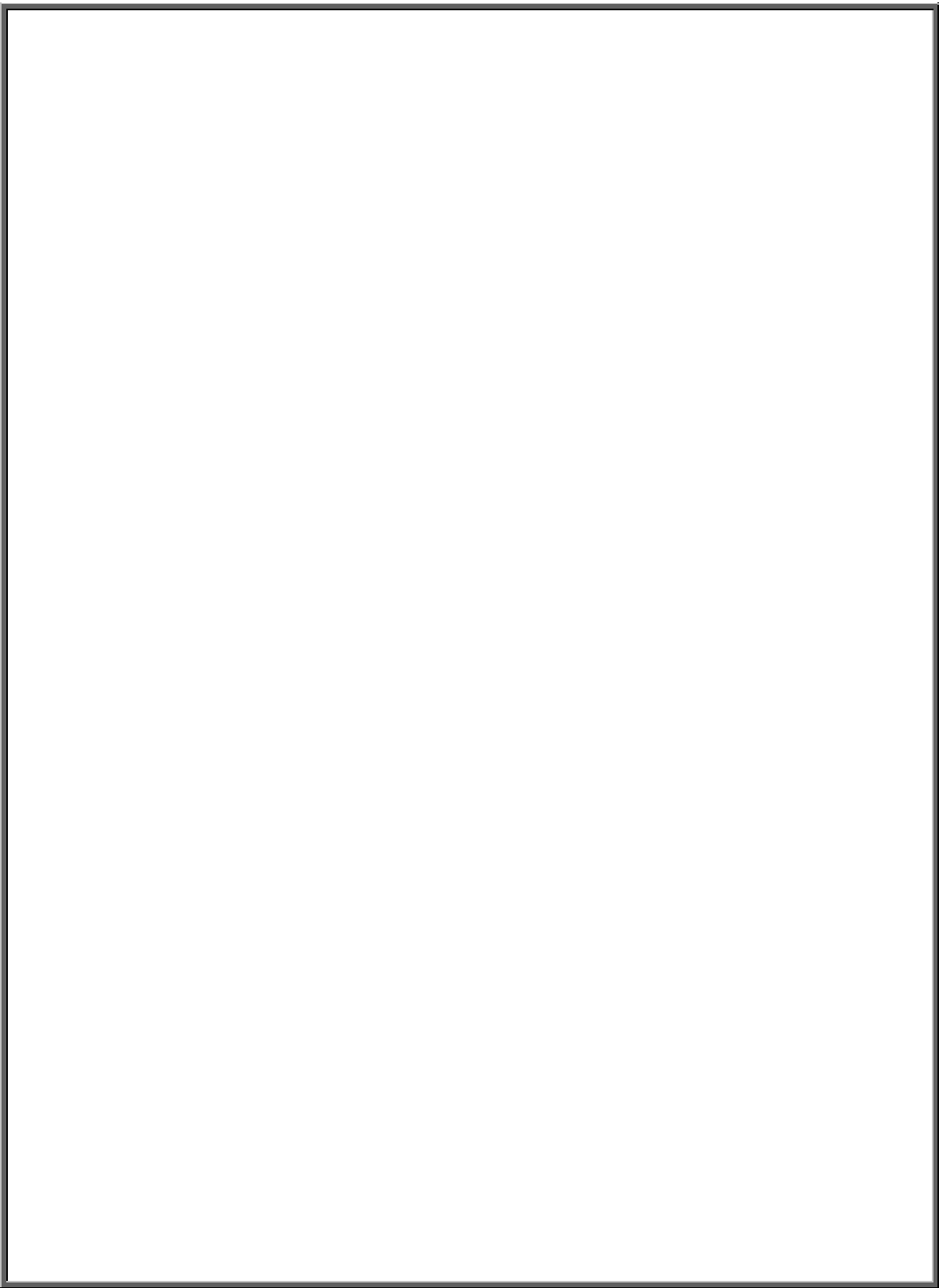
Procedures

Provide information necessary for another teacher to replicate your lesson/unit.

Prior to computer lab, teach the lesson “What’s Inside?” Students will compare an apple to the layers of the earth (inner core, outer core, mantle, and crust). They will also compare a globe to the earth.

Day 1- in the computer lab

- Before the students do this activity, demonstrate on the projection system what they are to do.
- Log on to the computer
- Go to Kyrene Toolkit
- Open up Kid Pix
- Click on the oval tool
- Create one large circle by clicking and dragging the mouse.
- Create a slightly smaller one inside of it by dragging the mouse.
- Create a small circle in the middle.
- Click on the Typewriter
- Select a font from the bottom choices.
- Label the outer layer-Crust
- Label the second layer-Mantle
- Label the third layer-Outer Core
- Label the inner circle-Inner Core
- Click on the Mantle
- Click bucket
- Choose a color
- Fill the mantle
- Repeat with different colors for the other layers
- Click Typewriter
- Type Title—Layers of the Earth and your name
- To make an arrow from label to layer, click on line tool and draw it with mouse
- Save in your folder
- Print out your work



Modification for Differentiated Instruction

**SPECIAL
EDUCATION:**

(optional)

ESL:

(optional)

GIFTED:

(optional)