

## Lesson Plan Template

**Name:** Travis Hyde

**Date:** November 20, 2019

**Subject:** Science

**Grade:** Grade 7

<b>Content: (Topic)</b> Science Earth and Space Science	<b>Teaching Instructional Strategies:</b> PowerPoint, use of diagrams and art to reconstruct, definitions and clarification, rewording information to indemnify concepts.
<b>Outcomes:</b> EC7.1 Analyze societal and environmental impacts of historical and current catastrophic geological events, and scientific understanding of movements and forces within Earth's crust.  CP7.12 Use image-making skills, tools, techniques, and problem-solving abilities in a variety of visual art media.	<b>Indicators:</b> c) Construct a visual representation of the composition of Earth, including the crust, upper and lower mantle, core, and inner core.  g) Explore relationships among shape, space, and form.  h) Recognize that scale may or may not be realistic.
<b>Prerequisite Learning:</b>  Use their prior knowledge to identify the various components of Earth Use previous lessons to link the layers of Earth to disasters	
<b>Adaptive Dimension:</b>  Art – allow the students to represent the diagram how they want to PowerPoint – have a slide presentation to help with visual learners Time – students who need more time will be allotted more time Rewording – rephrasing sentences to help students understand	
<b>Materials Needed/Preparation</b>  Blank paper – students will need this to draw and represent the different layers of the Earth  Lined paper – students will need lined paper for the review portion. They will be asked to take notes for the review since next class they will be having an exam.	

**Presentation:****Set: 5-10 minutes**

Quick recap on what we did last class: how did the research and writing go? Did everyone submit them? Collect any outstanding assignments from students that haven't had the chance to submit them yet.

Ask questions to engage them about the lesson: What do they know about the Earth? What layers are involved? Do they know any specifics?

**Development: 40 minutes**

I will use a PowerPoint presentation to describe and discuss the various layers of Earth and the relevance of each component.

Students will be asked to recreate the Earth by drawing a representation.

They will be asked to label and identify the components of the Earth

They will be asked to describe what each layer is and what its function is.

Review (15-20 minutes)

Spend time to discuss the current lesson and the prior lessons and address any information that we have covered over the past four lessons:

What is a natural disaster?

What are some types of natural disasters?

What is a catastrophic event?

What are some environment impacts of catastrophic events?

What are some societal impacts of catastrophic events?

**Teaching Notes:**

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**Closure: 5 minutes**

Reminder of the lesson today: recap on the various layers of the Earth. Remind them that next week we will be doing an exam.

**Extension:**

Rather than having them draw the Earth on paper and label it, they could use various materials to physically construct a small representation of Earth.