

**Structure of the Earth
JASON Academy
Road Map**

Objective	Title of Activity	Assignment	Time
Week One			
Review First Week of Introduction to Online Science Teaching	Introduction to Online Science Teaching	Read through package file: First Week of Introduction to Online Science Teaching	.5 hours
Build a homepage and introduce yourself!	Build a Homepage	Create a homepage and introduce yourself to the other members of the class.	.5 hours
Read package file for Week One content	Week 1 Content	Read through package file for Week One content	2 hours
Identify source minerals	Minerals	Identify the source minerals for five objects commonly used in and around your home or school. Give the name of the mineral and some of its diagnostic physical properties.	1 hour
Assessment	Question of the Week	Answer the question of the week!	.5 hour
Week Two			
Read package file for Week Two content	Week 2 Content	Read through package file for Week Two content	2 hours
Identify websites and information about volcanic activity	Volcanoes	Identify three additional websites not mentioned in the course documents that provide current information on seismic and/or volcanic activity around the world.	2 hours

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Create a PowerPoint on one of the course document topics	PowerPoint Presentation	Create a PowerPoint presentation to be used with students or other faculty members that supports any of the concepts covered in this class.	2.5 hours
Assessment	Question of the Week	Answer the question of the week!	.5 hour
Week Three			
Read package file for Week Three content.	Week 3 Content	Read through package file for Week Three content	2 hours
Identify general rock types in your area	Rocks	Using local resources, books and/or websites, determine what general rock types (igneous, sedimentary or metamorphic) are found in your local community and based on these rock types, describe how the general environment of your region has changed over time.	2 hours
Create a lesson plan on one of the course document topics	Action Plan	Select any of the topics presented in the course documents and develop a lesson for students.	2.5 hours
Assessment	Question of the Week	Answer the question of the week!	.5 hour
Week Four			
Read package file for Week Four content	Week 4 Content	Read through package file for Week Four content	2 hours
Create a timeline for the Plate Tectonic Theory	Timeline	Using the course documents or external web sites, develop a timeline for the development of Plate Tectonic Theory.	2 hours

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Assessment	Question of the Week	Answer the question of the week!	.5 hour
Week Five			
Read package file for Week Five content	Week 5 Content	Read through package file for Week Five content	2 hours
Discuss how the structure of the Earth has changed	The Last 100 Years	Using the course documents and external web sites, discuss how geologist's views regarding the internal structure of the Earth have changed over the last 100 years.	2 hours
Assessment	Question of the Week	Answer the question of the week!	.5 hour
Create a lab on one of the course document topics	Laboratory Exercise	Develop a hands-on lab for students.	2.5 hours
		Total:	30 hours