

Name _____ Hour _____

Nuclear Waste Storage Plan Assessment (Test Grade)

Objective: Choose a specific area in the Continental United States that is best for storing nuclear waste. Back it up with quality evidence from your Geological Processes book.

ISSUE	3 Problems to consider (at least 1-2 sentences for each)	Proposed Solution to each (at least 1-2 sentences for each and include page numbers/websites for each)
Nuclear Waste storage, population, locations of nuclear reactors p. 4-7 (Activity Book p. ____)	1. 2. 3.	1. 2. 3.
Groundwater contamination p. 9-12 Map of Aquifers on p. 111	1. 2. 3.	1. 2. 3.
Natural Hazards (Landslides, Volcanoes, Earthquakes) p. 15-33	Describe each of the following: 1. Landslides 2. Volcanoes 3. Earthquakes	1. 2. 3.

<p>Building Construction in Geologically Hazardous zones. (Use ideas from Tower Challenge)</p>	<p>Describe the following problems:</p> <ol style="list-style-type: none"> 1. Weak building Foundations 2. Unstable corners 3. Electrical, Natural Gas & Water Pipelines 	<ol style="list-style-type: none"> 1. 2. 3.
<p>Plate Boundaries p. 63-87 Activity Book p. _____</p>	<p>Define each of the following:</p> <ol style="list-style-type: none"> 1. Divergent 2. Transform 3. Convergent 	<ol style="list-style-type: none"> 1. 2. 3.
<p>Complete Nuclear Waste Quote Sandwich on the next page</p>	<p>Draw a rough draft of your nuclear storage system.: -Include at least 5 of your solutions from above. -Write labels on all parts of your system -Indicate whether it is above or below ground -Show exactly where the radioactive material is stored</p>	

FRONT

Write name & hour on back

Nuclear Waste	Ground Water Contamination	Natural Hazards	Building Construction	Plate Boundaries	Nuclear Waste Storage
Full Color Picture	Full Color Picture	Full Color Picture	Full Color Picture	Full Color Picture	Full Color Picture

INSIDE

Problems and Solutions must be in complete sentences

Problems 1. 2. 3.	Problems 1. 2. 3.	Problems 1. 2. 3.	Problems 1. 2. 3.	Problems 1. 2. 3.	Nuclear Waste Quote Sandwich
Solutions 1. 2. 3.	Solutions 1. 2. 3.	Solutions 1. 2. 3.	Solutions 1. 2. 3.	Solutions 1. 2. 3.	Full Color Nuclear Waste Storage Design

Nuclear Waste Storage Plan Assessment RUBRIC:

Name _____ Hour _____

Planning sheet is filled out completely _____ 20 points

Quote Sandwich is written correctly _____ 20 points

Accurate & quality evidence & in complete sentences _____ 20 points

Quality cover pictures and titles (each section) _____ 20 points

Nuclear Storage Drawing has detail and is labeled appropriately _____ 20 points

Full color and overall neatness of project _____ 20 points

Use of class time _____ 20 points

TOTAL (TEST GRADE) _____ 140 points