

Lesson Plan Form



Day and Date: _____

Staff Member(s) Leading Activity: _____ Holly B _____

Think About It:	
Activity Title/ Description:	Pompeii Dioramas
Skills children will accomplish:	Building Historical connections, scientific exploration
Which STEAM skills can be applied?	S- combining solutions to make a reaction that mimics natural phenomenons
Child's Role in the Activity (e.g., Leadership/ Participant)	Leadership
Is additional staff needed? If so, describe.	No
Space Needed:	Table/Inside
Activity will work in multiple spaces?	No
Materials Needed? Air dry clay, Cardboard, tape, sticks , Baking soda, Vinegar, food coloring	
Activity Introduction/ Sell It: Have you ever heard of the city of Pompeii? It was a city that was destroyed by a volcano! Well today we are going to make our own miniature cities with volcanoes! But be careful, they might have a similar outcome to the lost city.	
Activity Directions: 1. Have students group up with each other to make a diorama of their own lost civilization 2. Groups can be 1-3 people 3. Have them work together to make a small city.	Step-by-step description including rules and procedures. Continued back of form.
Think About It:	

<p>Activity Directions Continued:</p> <p>4. Once they finished building their cities, give them a small plastic container and a handful of air dry clay.</p> <p>5. Have them pinch clay around the bottle to make a volcano shape and place it in their lost city.</p> <p>6. Let it air dry so the next day they can pour a small amount of vinegar in the container.</p> <p>7. Have them put a pinch of dyed baking soda to make it explode.</p>	
<p><u>Wrap up- Discuss activity highlights, benefits, successes, takeaways:</u> Discuss different ways that the pompeii civilians could have escaped and what the different warning signs could have been.</p>	
<p><u>Activity Duration:</u> 40 minutes (10 minutes for the eruptions)</p>	
<p><u>What Pitfalls might you expect?</u> Arguing about the material and not sharing, groups arguing <u>How would you remedy them?</u> Ensure that everyone is working together, if groups don't work well together then they can do it alone.</p>	
<p>Evaluate the activity-</p> <p>What went well?</p> <p>What modifications would you make the next time?</p>	

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