



Shaving Cream Seamount Graphic Organizer

2) CAUSE

Describe the cause.

3) MECHANISM

Describe the process that connects the cause & effect.

1) EFFECT

Describe the phenomenon.

A circular icon with a blue background and a white border, containing a white silhouette of a seamount or island chain.

Discussion Questions - Answer on your own paper.

1. What is the phenomenon you are investigating?
2. What caused the patterns you observed?
3. Compare the map/table data to the investigation data. Does the pattern support the conclusion that the seamount island chains are caused by hot spots? Why or why not?
4. What do you predict would happen if the plates continue to move?
5. What information about the mechanism (i.e. the process), is needed to explain what you see happening in this activity?



Seamount/Island Chain Model Template

