Mr. Klansek Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Date: \_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_

“Aliens of the Deep”

1. How hot as the water that was coming from the chimney vents?

2. Why didn’t it boil?

3. What causes these under water eruptions?

4. How do the organisms that live around the hydrothermal vents obtain food/energy?

5. Why are the organisms in the deep sea white in color?

6. List the types of organisms living on or near the smokers?

7. Why was the crust around the edge of the tectonic plates glossy in appearance?

8. What is the connection between our oceans with the unknown in space? i.e. Why do astronauts and astrophysicists study the deep oceans?

9. What was the black smoke from the chimneys due to?

10. Why didn’t the ocean explorers leave the submersibles for a closer view?

Reflection

1. Choose 2 populations in the video and describe them.
2. Choose 1 community from the video and describe it.
3. Describe the ecology of individual shrimp living on the vents.
4. Choose 3 each of biotic and abiotic components of the shrimps’ habitat.
5. Describe the density of 3 populations in the movie.