Vocabulary:

Which of our vocabulary terms refers to something that has been hidden away?

Which of our vocabulary terms is a verb that refers to the breaking down of something like a whale carcass?

Which of our vocabulary terms can be referred to as a natural hot spring (a place where hot water and steam shoot into the air)?

Which of our terms relates to the deformation of Earth’s rocky crust?

Which of our terms would refer to an insufficient meal?

What is “marine snow”?

Things to Know:

What are *cold seeps*? How do they affect the Earth’s climate?

What do *whale falls*, *hydrothermal vents*, and *cold seeps* all have in common? What is it about these 3 that have scientists rethinking what they previously thought about the deepest parts of the ocean?

Why did scientists originally believe that only very few life forms could exist in the deepest parts of the ocean?

Why did scientists say they felt like they found the “Garden of Eden” near hydrothermal vents?

Explain one of the ways in which technology is making ocean research easier (look to lines 180-189 for help).

Paraphrase what happens at a:

1. Whale fall:
2. Cold Seep:
3. Hydrothermal Vent: