Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_

Cosmos: A Space time Odyssey: Season 1 episode 2

1. How did humans take evolution into their own hands? What is this process called?
2. What did the earth used to be for about 2 million years ago?
3. What mutation changed in the bear? What is a good or bad mutation? How?
4. What is natural selection? Give an example from the video.
5. What is the tree of life? What does it tell us?
6. According to the video, how did eyes evolve?
7. What did the halls of extinction show?
8. What species has the ability to survive in ANY type of environment? How long have they been around?
9. What is titan like? Why is it not possible for any species on earth to live there?
10. What is it believed that the earth was like 4 billion years ago? What species was believed to have survived that envireonment?