Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**The History of Earth**

1. Earth is the only home that we know of for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the universe.

2. 5 billion years ago what was out Sun?

3. What joins together to form the first continents?

A. Volcanic islands B. Big Rocks

C. Debris D. Nothing, they have not formed yet

4. Why can’t anything live on Earth at this time?

5. Meteorites brought \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to Earth.

6. What were the first living organisms on Earth?

7. What pumps carbon dioxide into the atmosphere?

8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ explosion is one of the most dynamic periods of Earth’s history because more complex organisms were able to develop.

9. List at least two different organisms that came about after the Cambrian explosion.

10. The ozone layer protects Earth from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A. Bugs B. Hail

C. the sun’s radiation

11. What would happen if there wasn’t an ozone layer?

12. What was the first land plant?

A. Moss B. Tulips

C. Grass D. Pretty pink roses

13. What do the first land creatures look like? (Draw a picture or describe it)

14. How is the dragonfly shown in the movie different from the dragonflies we know today?

15. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ extinction was the greatest mass extinction the world has seen.

16. Did dinosaurs live on Pangaea? Circle Yes or No

17. Tectonic plates shift at the same rate as our \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

18. The asteroid heading for Earth was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ miles across, bigger than

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and moving very \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

19. Why did the shrew (mammal) survive when the dinosaurs died?

A. They hid from the disaster B. They lived underground and ate everything

C. They were hibernating D. Because that is what the smart scientist said.

20. How does the growing mountain range change the surrounding environment and effect the early humans?

21. Define the term Homo erectus.

22. How were the Great Lakes created?

23. What did you think of the movie?