Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Evolution Bingo**

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| --- | --- | --- | --- | --- |
| Archeobacteria | Pasteur | Fossils | Spontaneous generation | Anaerobic |
| Biogenesis | Precambrian | Miller and Urey | Eukaryotes | Mesozoic |
| Volcanoes | Plate Tectonics | Ozone | Autotrophs | Evolution |
| Meteorites | Mitochondria | Photosynthesizing | Divine Origin | Prokaryotes |
| Vital force | Primordial Soup | Redi | Oxygen | Cenozoic |

*Answer the following questions with words found in the chart above. Mark off the words you use and find the column or row of terms that is not used.*

1. The first era in the history of the Earth is known as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Era.
2. The idea that the Earth’s crust is made up of plates that move constantly is known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. The religious theory of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ teaches that life was created on Earth by a supreme being.
4. Some scientists believe that organic molecules responsible for life came from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that hit the Earth from outer space.
5. The early oceans were thought by some scientists to be full of organic molecules of proteins, lipids and carbohydrates. Scientists use the term \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to describe this so called “nutrient broth.”
6. The shortest Era, also the Era that we currently live in is known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. The gases in the early Earth’s atmosphere came from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
8. Two scientists named \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ set up an experiment to the Primordial Soup theory
9. The idea that living things come from other living things is known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
10. The scientist who tried to disprove the spontaneous generation theory using a controlled experiment with meat was \_\_\_\_\_\_\_\_\_\_\_\_\_.
11. The idea that life comes from nonliving matter was known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and was believed for many hundreds of years.
12. The scientist with the famous swan necked tubing that allowed air in but no bacteria into a flask of nutrient broth was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. This helped to disprove the spontaneous generation theory.
13. The Era that is also known as the Age of the Dinosaurs was the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
14. The process of slow gradual change in the Earth and organisms on Earth over time is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
15. The first cells on Earth were probably ( prokaryotes, eukaryotes )
16. The first living cells on Earth probably did not use this gas since it was not present then. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
17. The first organisms were probably ( autotrophs, heterotrophs ) that made their own food.
18. Present day organisms called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ most likely resemble organisms like those found are early earth. The reason that these organisms are said to be like those on early earth is because they can withstand harsh environments.
19. The first oxygen on Earth came from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ prokaryotes.
20. Evidence of past life comes from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ found in rocks.