

# Earth's History Timeline Project

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

Period: \_\_\_\_\_

**A. CREATE A TIMELINE:** Using either calculator roll paper or printer paper taped end-to-end, decide on a total length and scale your timeline. The time intervals must be consistent. The total time of Earth's history is 4.6 billion years, so easy lengths would be 2.3 m or 4.6 m. Keep in mind that you will need room to write all the following events.

**B. EVENTS FOR TIMELINE:** Find the date of each time period/event listed below. Using these dates, place them in the correct location on the timeline.

Precambrian Era \_\_\_\_\_ Paleozoic Era \_\_\_\_\_ Mesozoic Era \_\_\_\_\_

Cenozoic Era \_\_\_\_\_ Cambrian Period \_\_\_\_\_ Permian Period \_\_\_\_\_

Triassic Period \_\_\_\_\_ Jurassic Period \_\_\_\_\_ Cretaceous Period \_\_\_\_\_

Tertiary Period \_\_\_\_\_ Quaternary Period \_\_\_\_\_ Holocene Epoch \_\_\_\_\_

Formation of the Earth \_\_\_\_\_ Ocean formation \_\_\_\_\_ First cyanobacteria \_\_\_\_\_

Formation of Pangaea \_\_\_\_\_ Permian extinction \_\_\_\_\_ Cretaceous extinction \_\_\_\_\_

"Age of Fishes" \_\_\_\_\_ "Age of Reptiles" \_\_\_\_\_ "Age of Mammals" \_\_\_\_\_

First teleosts \_\_\_\_\_ First marine mammals \_\_\_\_\_ First modern humans \_\_\_\_\_

**C. ADD A MINIMUM OF SIX DRAWINGS** to depict various events on your timeline.

**D. ANSWER THE FOLLOWING QUESTIONS** on the back of this paper.

1. Describe the Precambrian Era in two to three sentences.
2. Describe the Paleozoic Era in two to three sentences.
3. Describe the Mesozoic Era in two to three sentences.
4. Describe Cenozoic Era in two to three sentences.
5. How has the diversity of life changed over the history of the earth?
6. Relatively speaking, how long have humans had a major impact on the oceans?
7. Name three animals that evolved on land and returned to the sea.
8. If you could live during any time along your timeline, when would that be and why?

**NOTE: One timeline will be submitted for each group, while each group member submits this page individually.**