**Geologic Time Warm Up Activity**

**Objective:** Create a timeline of the history of the Earth without consulting any outside resources

**Instructions:** Examine the long piece of paper. This paper represents a timeline of the age of the earth. Note that one end is labeled with the origin of the earth, and the other is labeled as today.

Your task in the next 10-15 minutes is to take the events listed below and write them on this piece of paper where you think they go.

Note that you are not supposed to consult any outside resources or necessarily know where they fall on the timeline or in what order. You WILL get some of this wrong. The idea is to determine what you know and what you don’t know about the history of our planet.

At the end of this exercise, I will allow you to compare your timeline to the correct version!

Items to place on the timeline (these are not listed in order):

* Oldest rocks on earth
* First reptile
* First anatomically modern humans
* First birds
* First mammals
* First dinosaur
* First amphibians
* First plants on land
* First fish
* First flowers
* First horses
* First hominins (human ancestors that walked on two legs)
* Oldest fossils
* Time of extinction of the dinosaurs

Reflection questions:

| What aspects of your timeline were correct?  |
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| What aspects of your timeline were incorrect?  |
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| What surprised you about this activity?  |
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