Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_\_

**Major Biological and Geological Events in Earth’s History**

Using the events below, you will cut them and place them into their correct Geological Time category on your graphic organizer (plan out your spots prior to cutting and pasting your tabs onto your graphic organizer in case you make any mistakes).

|  |  |  |  |
| --- | --- | --- | --- |
| **Mammals, flowering plants, and insects dominate the land** | **Pangaea splits** | **Bacteria appear** | **Pangaea forms** |
| **Oceans form and cover the Earth** | **First grasses appear** | **Humans appear** | **Largest dinosaurs thrive** |
| **Widespread volcanic activity** | **Soft-bodied** **multi-cellular organisms appear**  | **First reptiles appear** | **Trilobites become extinct** |
| **Continental glaciers cover Antarctica** | **Earth began** | **Dinosaurs appear** | **Hot, dry conditions dominate Pangaea** |
| **Rocky Mountains and Himalayas form** | **Seas rise and fall over North America** | **Great explosion of invertebrates in the sea** | **Dinosaurs become extinct** |
| **Trilobites appear** | **Ice age ends** | **Appalachian mountains form** | **Insects and spiders appear** |
| **Coral reefs develop** | **Age of fish begins** | **Land plants appear** | **Shallow seas cover much of the land** |

**Notes- Earth History Events** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_

**Major Biological and Geological Events Organizer**

|  |  |  |  |
| --- | --- | --- | --- |
| **Precambrian** | **Paleozoic** | **Mesozoic** | **Cenozoic** |
| ***Geological*** | ***Geological*** | ***Geological*** | ***Geological*** |
| ***Biological*** | ***Biological*** | ***Biological*** | ***Biological*** |

**EXPLAIN**, Part 3 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Transparency Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Major Biological and Geological Events Organizer**

|  |  |  |  |
| --- | --- | --- | --- |
| **Precambrian** | **Paleozoic** | **Mesozoic** | **Cenozoic** |

|  |  |  |  |
| --- | --- | --- | --- |
| ***Geological***Earth beganOceans form and cover the Earth***Biological***Bacteria appearSoft-bodied multi-cellular organisms appear | ***Geological***Shallow seas cover much of the landCoral reefs developSeas rise and fall over North AmericaAppalachian mountains formPangaea forms***Biological***Great explosion of invertebrates in the seaTrilobites appearLand plants appearInsects and spiders appearAge of fish beginsFirst reptiles appearTrilobites becomeextinct | ***Geological***Hot, dry conditions dominate PangaeaPangaea splitsWidespread volcanic activity***Biological***Dinosaurs appearLargest dinosaurs thriveDinosaurs become extinct | ***Geological***Rocky Mountains and Himalayas formContinental glaciers cover AntarcticaIce age ends***Biological***First grasses appearHumans appearMammals, flowering plants, and insects dominate the land |