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