**Moon Formation – United Streaming 3:32 min.**

1. **The moon and the earth appeared to both have formed at the \_\_\_\_\_\_\_\_\_\_ time, about \_\_\_\_\_\_\_\_ Billion years ago.**
2. **Some astronomers believe that the moon was created when a big \_\_\_\_\_\_\_\_\_\_\_\_ pulled away full the earth.**
3. **Other scientists believe that the moon was formed from the same \_\_\_\_\_\_\_\_\_\_\_\_\_ of space \_\_\_\_\_\_\_\_\_\_\_\_\_\_that formed earth.**
4. **Still other scientists suggest that the moon created when the earth was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by an object the size of a small planet.**
5. **This object knocked \_\_\_\_\_\_\_\_\_\_\_\_out of earth and kept going.**
6. **The chunks however, eventually \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_in earth orbit and formed the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
7. **Maria (which means \_\_\_\_\_\_\_\_\_\_\_\_) was formed when volcanoes erupted on the moon and left huge smooth dark areas that had been covered by molten \_\_\_\_\_\_\_\_\_\_\_\_\_\_**
8. **Since the volcanoes ended their activity \_\_\_\_\_\_\_\_\_\_ Billion years ago, the moon’s surface has hardly changed.**
9. **The earth’s surface, on the other hand, has never stopped \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
10. **The earth’s surface has not \_\_\_\_\_\_\_\_\_ as much as the moon’s.**
11. **The earth’s crust is divided into about \_\_\_\_\_\_\_ different thin and weak \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
12. **These plates, on earth, creep over the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rock below the surface of the earth.**
13. **This movement creates mountains, volcanoes, other surface features, that constantly \_\_\_\_\_\_\_\_\_\_\_ the look of our planet.**
14. **Erosion also changes he earth’s surface, but the moon \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_erosion causing surface water and wind.**

**Moon Phases – United Streaming 1:55 min.**

1. **Earth’s \_\_\_\_\_\_\_\_\_\_\_\_ pulls the moon into a synchronized orbit.**
2. **The moon \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_on its axis at the same rate as it orbits the earth.**
3. **As a result, we always see the same \_\_\_\_\_\_\_\_\_\_ of the moon.**
4. **The appearance of the moon is not always the \_\_\_\_\_\_\_ and over a period of 29.5 days the moon goes through a series of \_\_\_\_\_\_\_\_\_\_\_\_\_.**
5. **As the moon circles the earth, we see that lighted moon phase from a different \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
6. **After about \_\_\_\_\_\_\_\_\_\_ days of travel (or 2 weeks) the moon has circled \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of its orbit path.**
7. **So, it now lies \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ between the earth and sun.**
8. **We will no longer see the moon at night, we called this moon phase the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Moon.**
9. **After the New Moon, its phase gradually \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or increases in size, until it big, bright, and Full about \_\_\_\_\_\_\_\_\_\_\_\_ weeks later.**