

Across

- 1 _____ blocks the sun's light during a lunar eclipse. The moon will appear to be "reddish" in color.
- 4 _____ is shaped like a "funnel" and this is beneficial to collect sounds and guide them to the eardrum. (2 words)
- 6 Translucent means _____ light can pass through.
- 10 A _____ occurs when Earth passes into the shadow of the moon, leaving the appearance of a "halo" around the moon. (2 words)
- 13 The eardrum _____ when sound waves strike it and therefore cause sound to be heard (experienced).
- 14 The different shapes of the moon during its 28-day cycle is referred to as the _____ of the moon.

Down

- 2 The moon _____ around Earth in an ellipse-shaped orbit.
- 3 Tiny _____ in the inner ear are connected to nerves and aid in sending signals to the brain.
- 5 A "foggy window" would be considered _____ because some but not all light can pass through it.
- 7 Transparent means totally _____. You can see through it.
- 8 Sound travels faster through _____ substances than less dense substances. Therefore, sound would travel faster through steel than through water, air, or even rubber because it is a denser substance.
- 9 A good material to use to completely block out light so as to make a room totally dark would be an _____ material.
- 11 A smooth and hard surface produces an _____ that sounds most like the original sound.
- 12 Sound is made when an object vibrates. As an object vibrates faster, the _____ becomes higher.

