

## Vocabulary Word List for Full-Lesson Plan – How a Cat's Eyes Work

This vocabulary list is for use with Homeschool Base Full-Lesson Plan “How a Cat's Eyes Work.”

**Pupil** – The pupil of the eye is the black dot in the center of the iris (colored portion of the eye). At times, the pupil looks like it is dilating (opening), and closing (constricting). The pupil does not actually move, the iris around the pupil shrinks instead. The amount of the pupil that is visible determines how much light the eye is letting in. Pupils should be the same size in both eyes.

**Dilates** – Becomes wider or expands.

**Tapedum lucidum** – The reflector system in the eye that makes it more light sensitive. A cat has a more powerful Tapedum lucidum than humans.

**Retina** - a layer at the back of the eyeball containing cells that are sensitive to light and that trigger nerve impulses that pass via the optic nerve to the brain, where a visual image is formed.

**Vision** – Being able to see. How well you can see.

**Colorblindness** - an abnormal condition characterized by the inability to clearly distinguish different colors of the spectrum. The difficulties can be mild to severe. It is a misleading term because people with color blindness are not blind.