


THINK OF A CAMERA LIKE YOUR EYE:

Aperture or F-Stop: is like your pupil. It controls the amount of light entering the camera. When dilated the pupil allows more light in, same as the aperture.

Shutter Speed or Exposure Time: is like your eye lid. It controls how long the light is let in, or how long the sensor is exposed to light. When you open your eyes for longer periods they collect more information (light).


ISO: is like your eye's personal sensitivity to light, except in camera you can control it.

Aperture or F-Stop: *wider is brighter*

Smaller # = wider 

more light : shallow focus

Use in dark or less image in focus

Larger # = tighter 

less light : deep focus

use in bright or more image in focus

Shutter Speed: *lower is slower*

Lower # = longer time open

more motion blur & light

Use in dark or for motion blur

Higher # = less time open

less motion blur & light

use in bright or less motion blur

ISO: *light sensitivity*

Lower # = less light & grain

Use in bright

Higher # = more light & grain

Use in dark