Exposure Triangle Printable by quiet graces photography

Aperture

*Do I want to blur the background? (wide open)
*Do I want to have the whole scene in focus? (closed)

Shutter Speed

Exposure Triangle

ISO

*Do I need to freeze action? (faster)
*Is the lighting pretty dim? (slower)
*Do I want to capture motion occuring? (slower)

*Is my scene dark? (higher)
*Is my scene bright? (slower)

If we change **Aperture** we have to change either shutter speed or ISO to compensate. We can change both in smaller incriments.

Shutter Speed

How Changing Aperture Affects Exposure Triangle

ISO

*If opening aperture shutter speed can be faster.
*If closing aperture shutter speed can be slower.

*If opening aperture ISO can be lower.
*If closing aperture ISO can be higher.

If we change **ISO** we have to change either shutter speed or aperture to compensate. We can change both in smaller incriments.

Shutter Speed

How Changing ISO Affects Exposure Triangle

Aperture

*If ISO is higher, shutter speed can be faster.
*If ISO is lower, shutter speed can be slower.

*If ISO is higher, aperture can be closed down
*If ISO is lower, aperture can be opened up.

If we change **Shutter Speed** we have to change either aperture or ISO to compensate. We can change both in smaller incriments.

How Changing Shutter Speed Affects Exposure Triangle

Aperture

ISO

*If shutter speed is faster, aperture can be opened.
*If shutter speed is slower, aperture can be closed down.

*If shutter speed is faster, ISO can lower.
*If shutter speed is slower, ISO can be higher.