



Fast Shutter speed is great for capturing splashes!



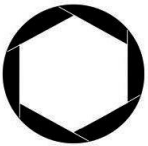
Slow shutter speeds is great for capturing motion and recording movement

Range of Shutter Speeds

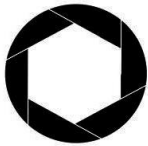
(and their uses)

1/8000 second	}	Fast Speeds For stopping action
1/4000 second		
1/2000 second		
1/1000 second		
1/500 second		
1/250 second	}	Moderate Speeds Handholding Generally Ok
1/125 second		
1/60 second		
1/30 second	}	Slow Speeds Use a Tripod
1/15 second		
1/8 second		
1/4 second		
1/2 second		
1 second	}	Very Slow Speeds For Creating Blur or Trails
2 seconds		
4 seconds		
8 seconds		
15 seconds		
30 seconds		

f/1.4



f/2



f/2.8



f/4



f/5.6



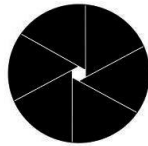
f/8



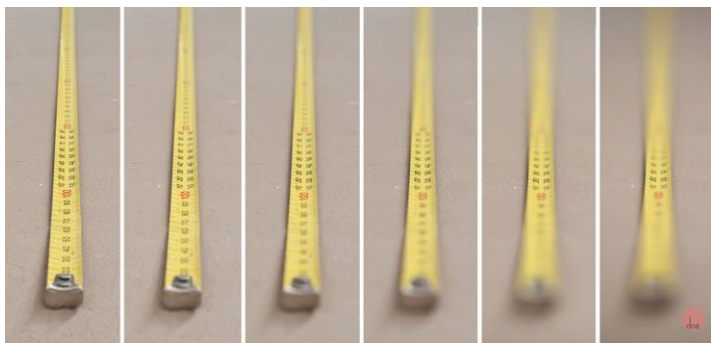
f/11



f/16



Common fStop settings.
*Note: some lenses and camera bodies might have more fstops.



F16



F10



F6.3



F3.5



F2



F1.4

Depth of Field: What is in focus in the picture.

A lower fstop will create a shallow depth of field where the majority of the image will be soft / blurry

A higher fstop number will keep everything in focus. Great for landscape!



f/1.4



f/22

ISO

BEST!

100 Full Sun, no shade

200 Lots of sun, could be in partial shade or an overcast day out in the open

200 Inside on a sunny day, directly by a large window

indoors

400 In the shade on a sunny day or under a covered area on an overcast day

700 Inside on a sunny or overcast day (near a window)

640-800 Sun is starting to set and less light

Noise Warning

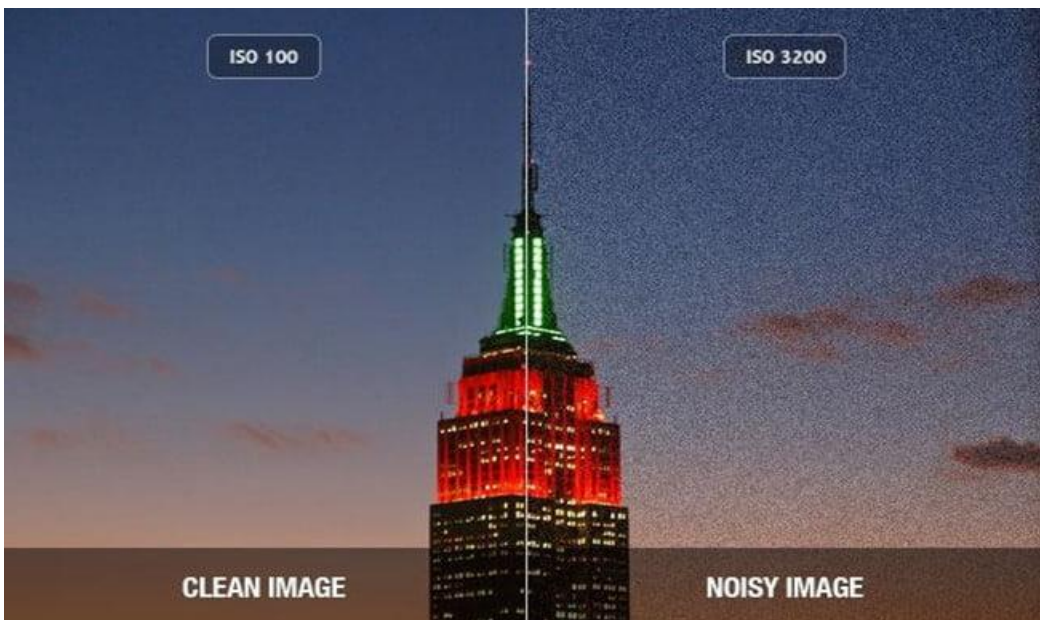
800 Inside, quite a distance from a window (sunny outside)

850-1000 Inside, quite a distance from a window (overcast day)

1250 Inside during the evening, light bulbs are the only source of light

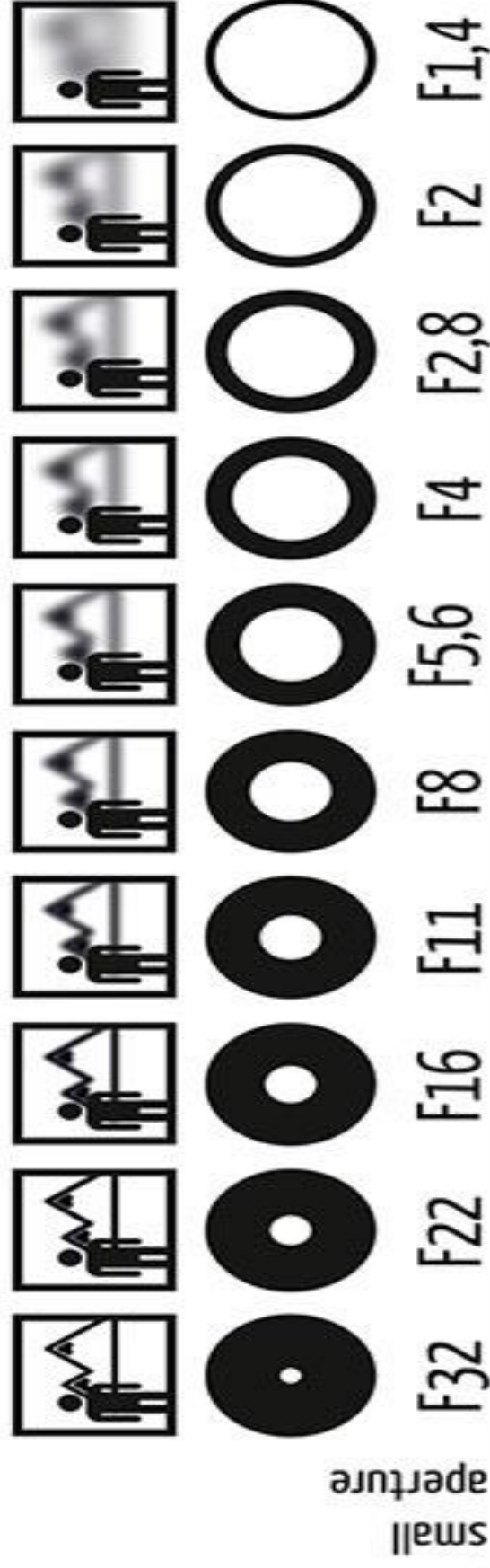
In theater

1600 Inside a dark room where there is a light source (theatre, school production, etc)



Always make sure to change your aperture when the light changes / you change locations!

Aperture



Shutter



ISO

