

Focal Length

Focal Length Comparison

Slide 4

Same subject, same background, same composition.

- 10 mm
- 18 mm
- 24 mm
- 35 mm
- 50 mm
- 85 mm
- 135 mm
- 200 mm

Sample Photos

Slide 5 - 7

One or more photos representative for focal lengths.

- Wide Angle: Landscape, Architecture or something dramatic
- Standard: Portrait? Object?
- Tele: Portrait? Animal? Abstract composition?

Depth of Field

Slide 9

- Image of measuring tape 18 mm
- Image of measuring tape 35 mm
- Portrait 200 mm (use something from focal length comparison)
- Portrait 50 mm cropped to same content
- Portrait 50 mm f/1.8
- Portrait 50 mm f/5.6

Bokeh

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- two images with bokeh

Exposure

Exposure Comparison

Slide 2

Same image under/correctly/over exposed with histogram.

We can often use images from the focal length comparison.

Exposure Time

- Water short (might already have it)
- Water long
- Shaky image

Aperture

- Portrait 50 mm f/1.8 (same as before)
- Portrait 50 mm f/5.6
- Portrait 50 mm f/16

ISO

- Portrait 50 mm ISO 100
- Portrait 50 mm ISO 800
- Portrait 50 mm ISO 3200

plus detailed crop of every image.

Metering

- View through viewfinder
- Histogram

Automatic Modes

- Image of camera top (mode selector)

Exposure Compensation

- Image of snow? Underexposed + Histogram
- Image of snow? Correctly Exposed + Histogram

How does a camera work?

Shutter

- Slow-mo video of shutter

Sensor/Film

- 35 mm film
- camera sensor

Viewfinder

- view through optical viewfinder
- view through rangefinder
- view through EVF

Lens

- different lenses
- Aperture blades