



DIGITAL CONTENT CREATION

Day 8 & 9: Video Essentials

RECAP AND REFLECTION

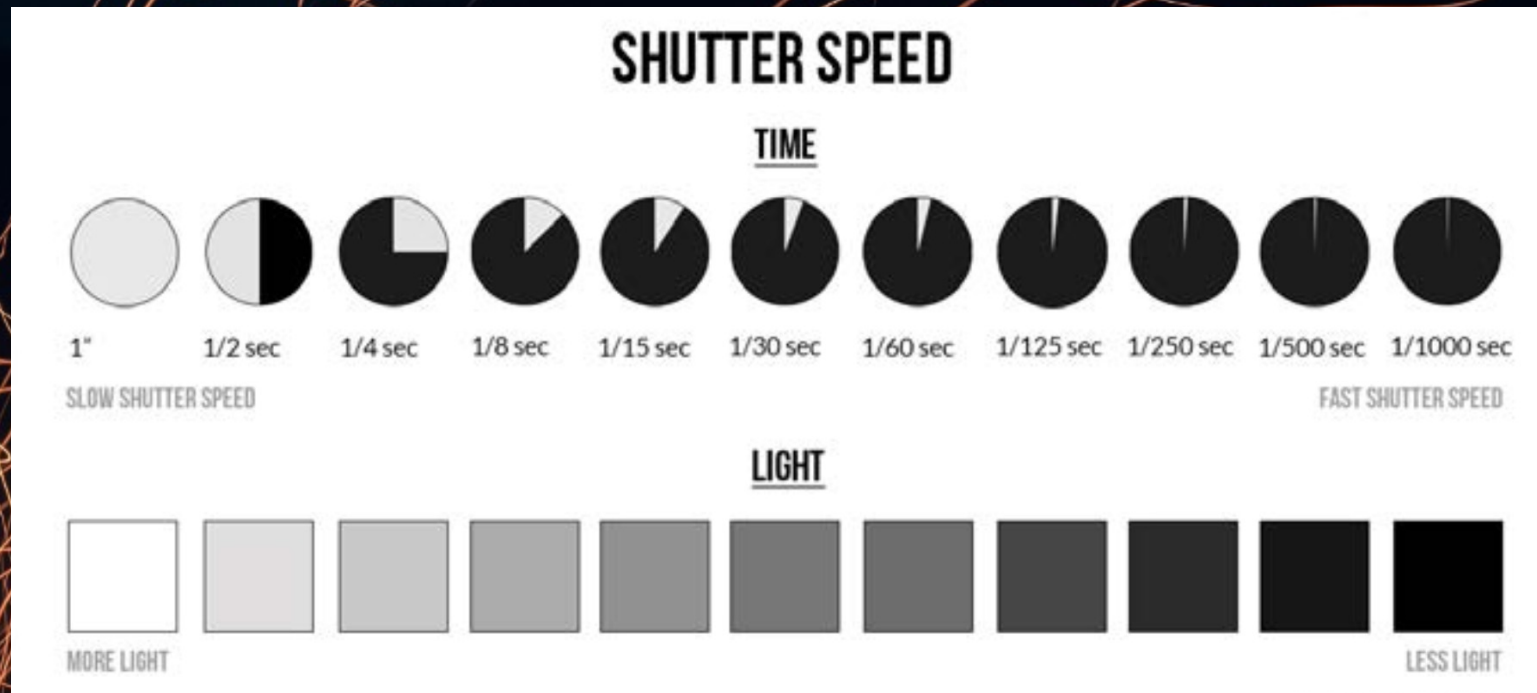




Video essentials: understanding photography

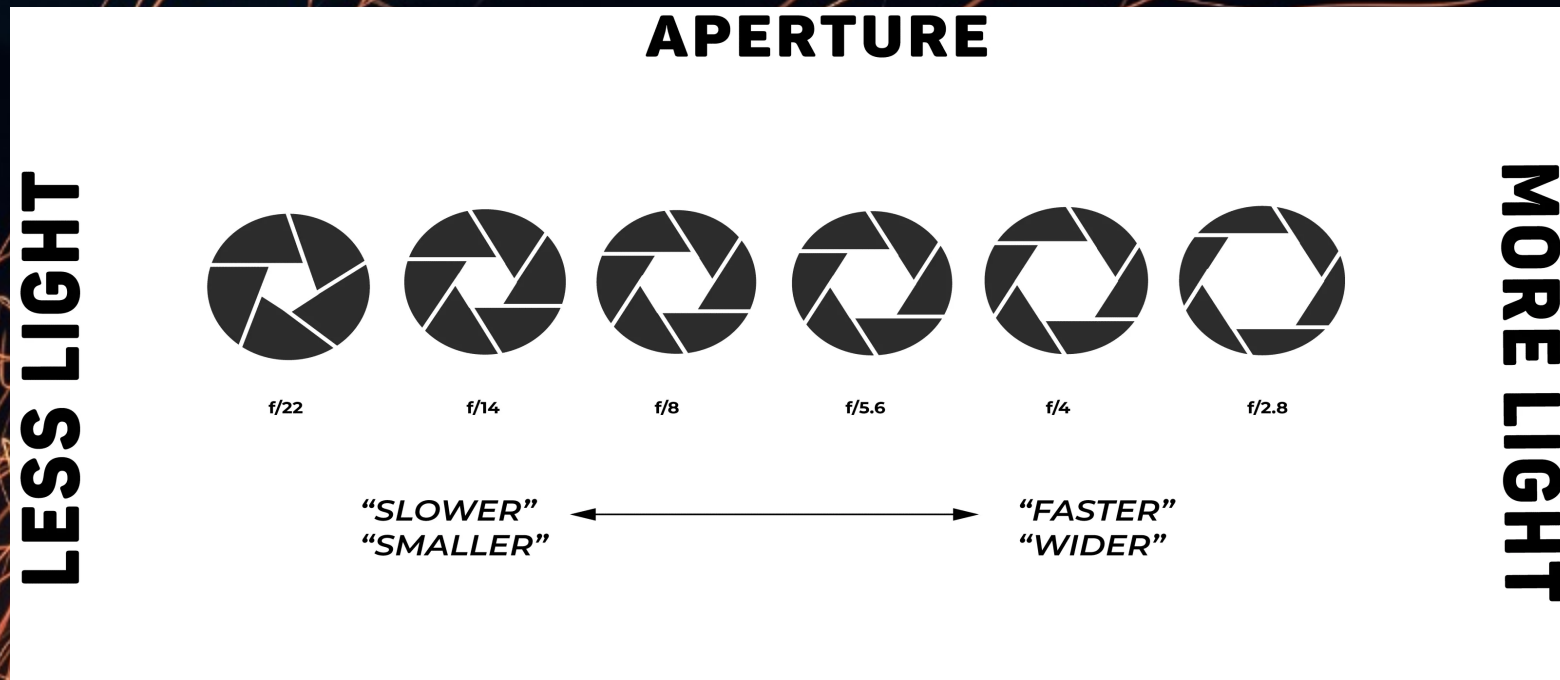


Exposure





Exposure





ASSIGNMENT

Work on exposure: In groups of 3 take a camera and play around with the exposure using both aperture and shutter speed. **Create 2 images that clearly demonstrate the different possibilities of exposure.**





Shutter Speed



SHUTTER SPEED



1

1/2

1/4

1/8

1/15

1/30

1/60

1/125

1/250

1/500

1/1000

SLOW SHUTTER SPEED

FAST SHUTTER SPEED



MORE LIGHT

LESS LIGHT



Shooting techniques for creative effects!



Frozen action



Panning



Motion blur



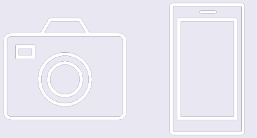
ASSIGNMENT

Work on shutter speed: In groups of 3 take a camera and try to recreate the 3 techniques explained before





Focus



Focus



It is possible to select different focus modes:

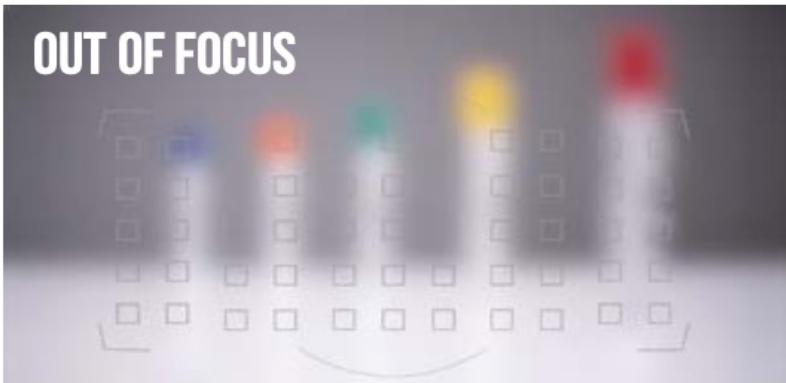
- Single shot
- Continuous shot



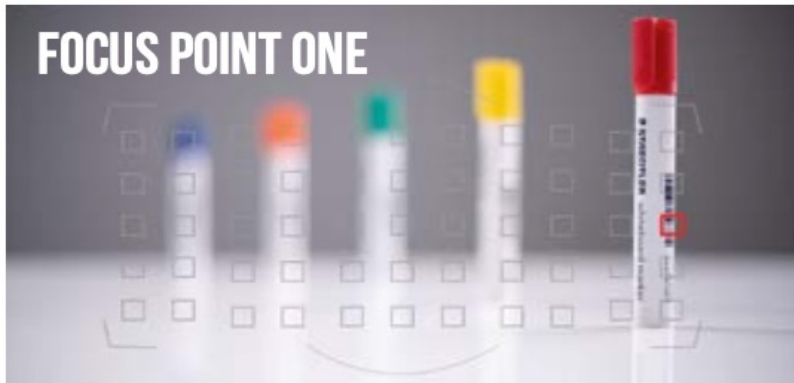
You can decide where the focal point of an image should be and adapt better to extreme light conditions



OUT OF FOCUS



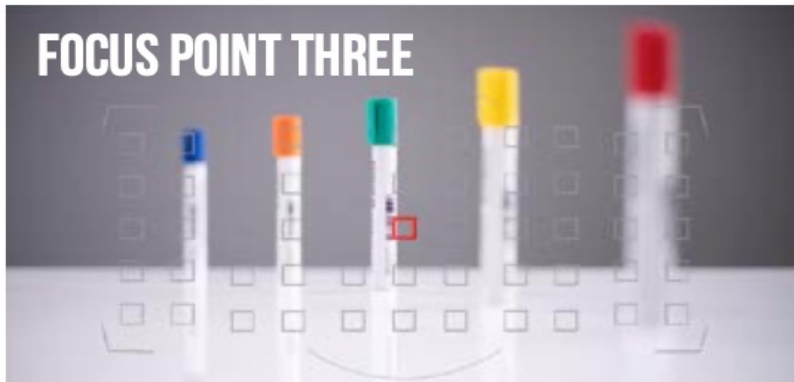
FOCUS POINT ONE



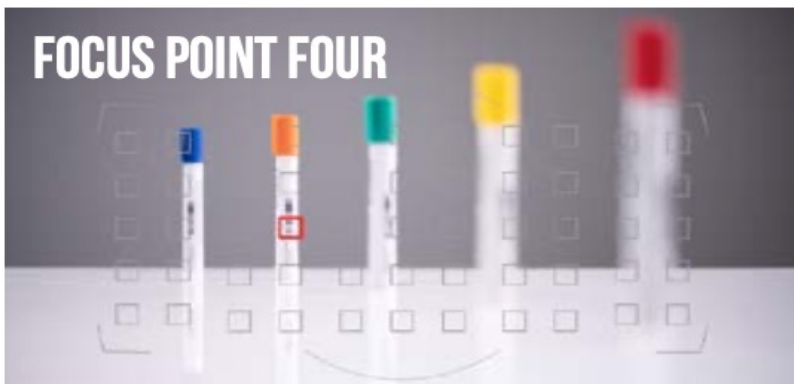
FOCUS POINT TWO



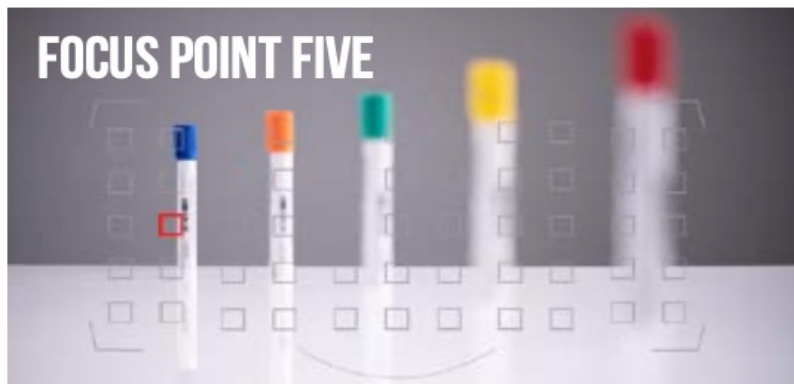
FOCUS POINT THREE



FOCUS POINT FOUR



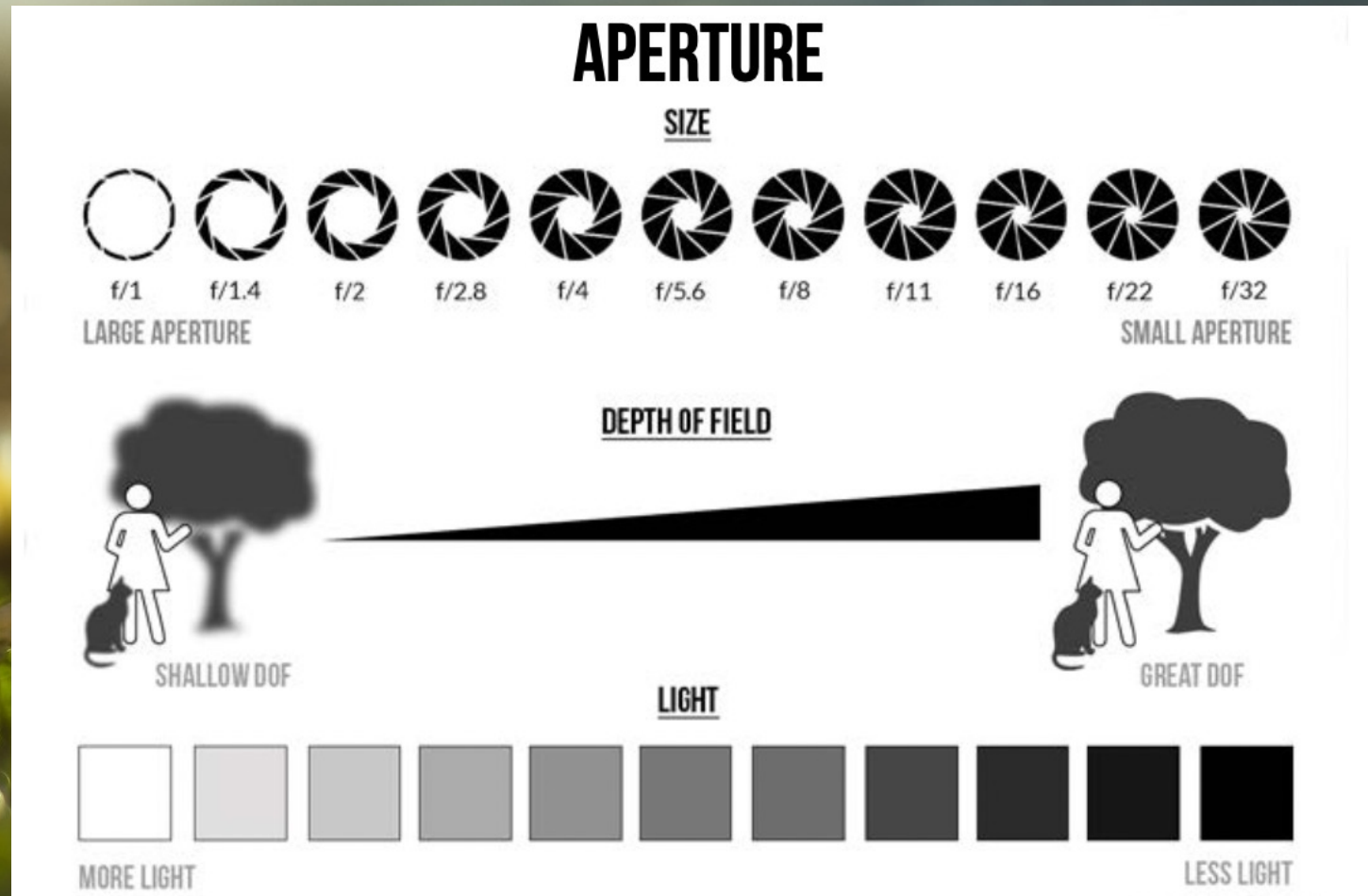
FOCUS POINT FIVE



These examples are from video chapter 4



Depth of field







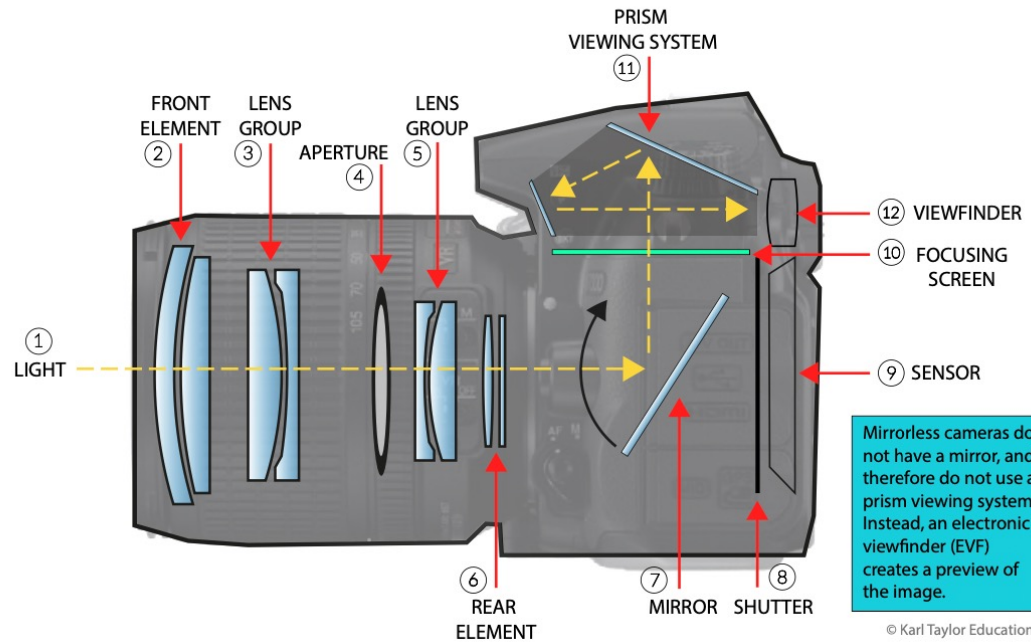
Large Aperture



Small Aperture



INTERNAL WORKINGS OF A CAMERA





LENS TYPES

WIDE ANGLE



Focal length:
8mm - 35mm

Angle of view:
180° - 63°



STANDARD



Focal length:
35mm - 85mm

Angle of view:
63° - 28°



TELEPHOTO



Short Telephoto
Focal length:
85mm-135mm

Angle of view:
28° - 12°

Telephoto
Focal length:
135mm-200mm

Angle of view:
18° - 12°



SUPER TELEPHOTO



Focal length:
200mm - 800mm

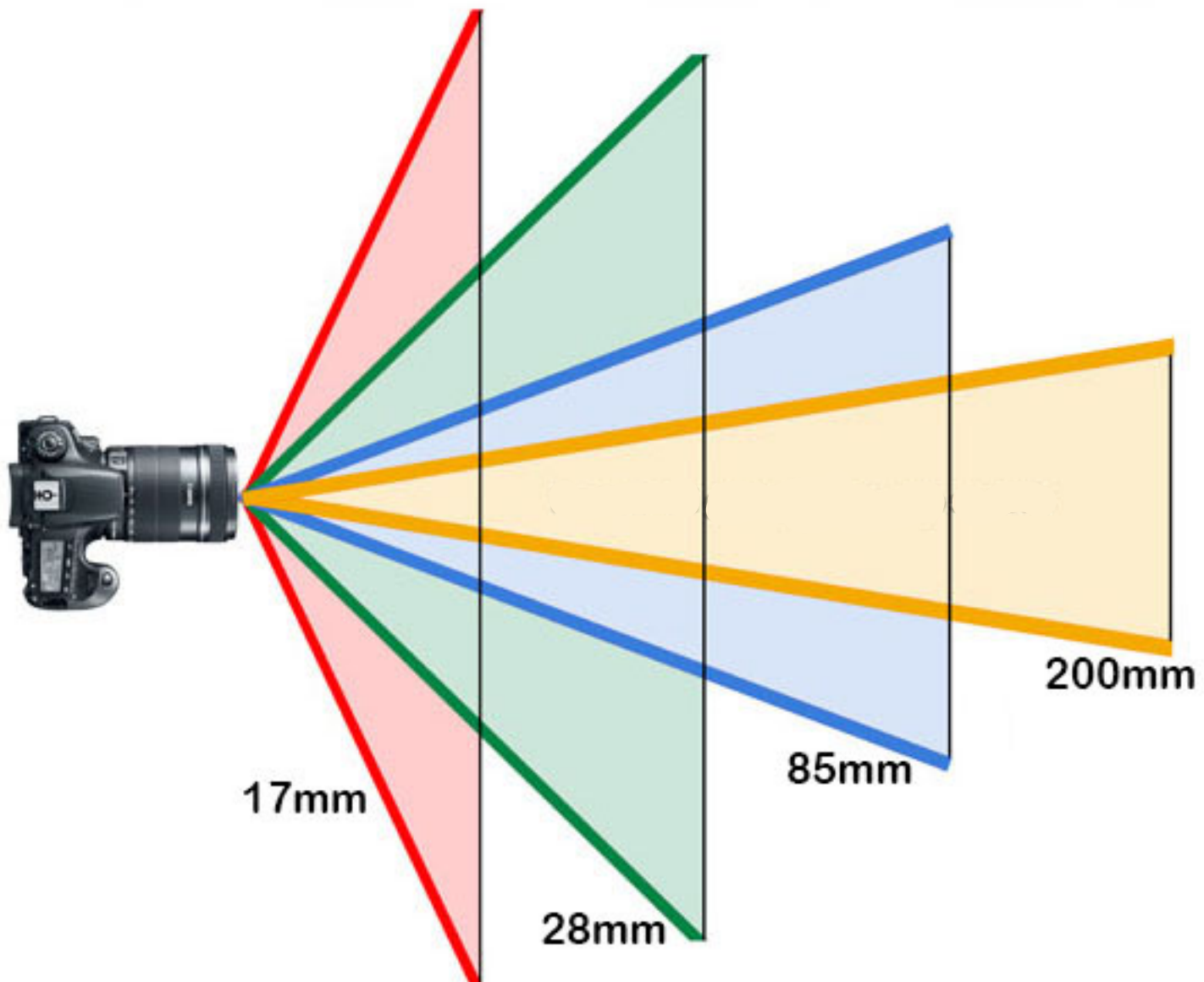
Angle of view:
12° - 1°





Focal length and field of view

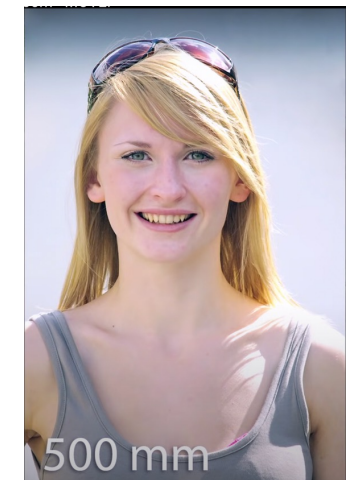


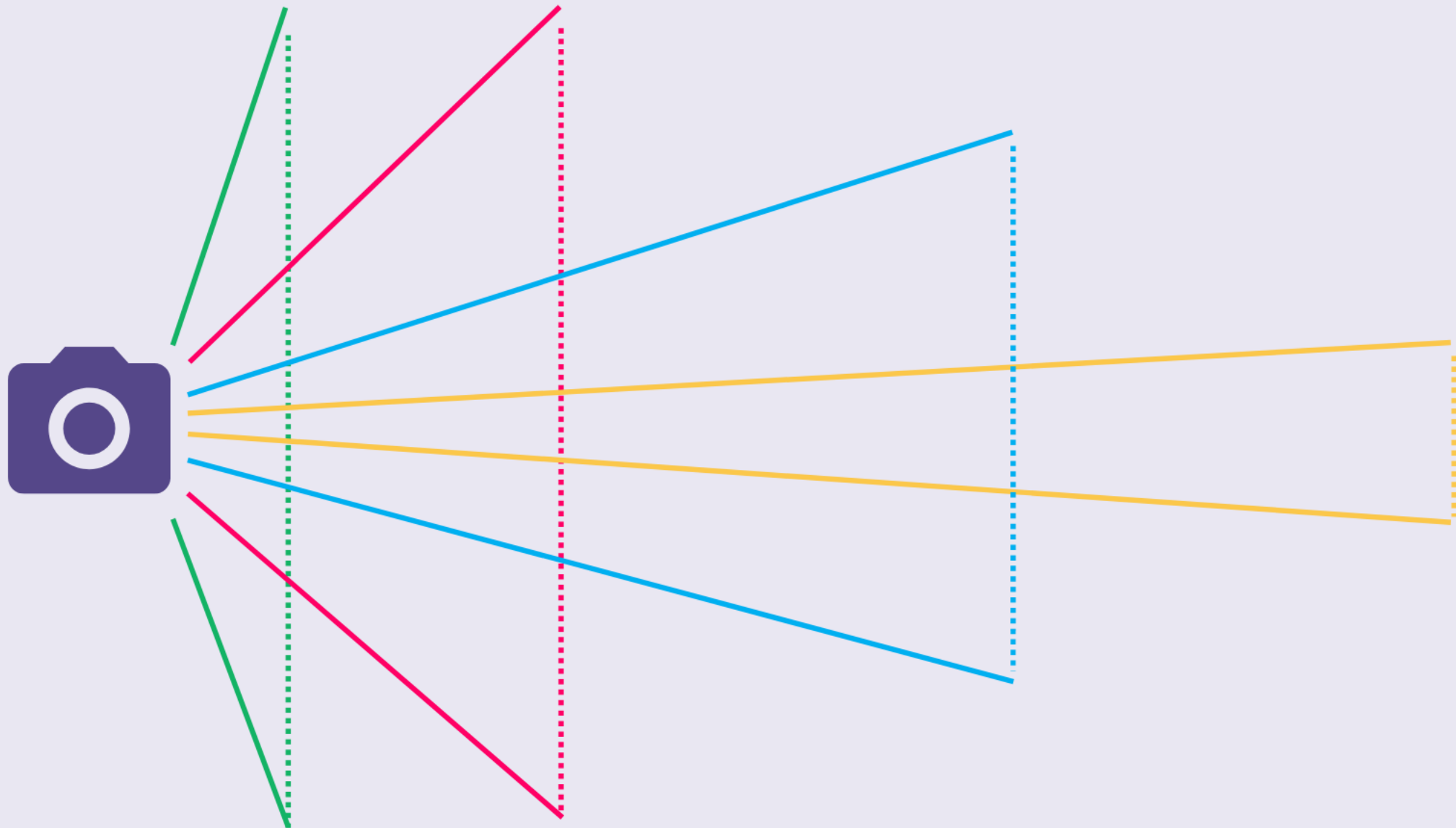


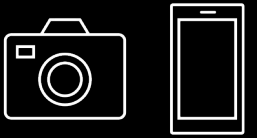
FOCUS



Example focal length







Light

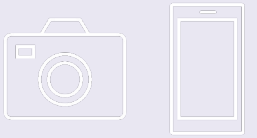
Light



Hard Light



Soft Light



Light sources



Natural



Artificial

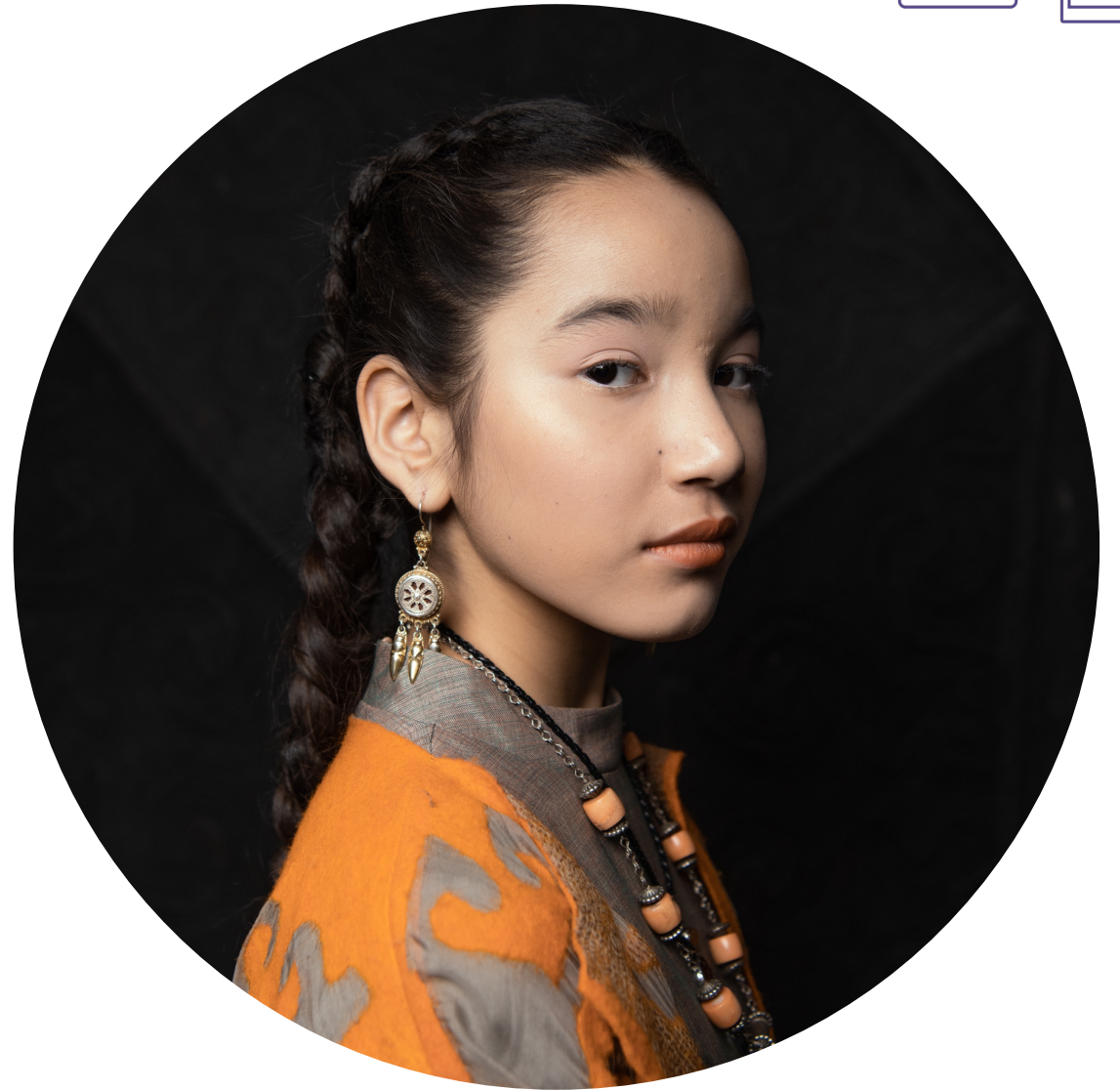


Mixed



ASSIGNMENT

Work on light: Take one photo of a face or an object playing with the different elements we just considered.





Composition

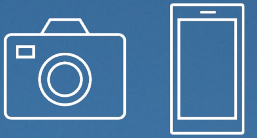


What is the subject focus?





Leading lines



Framing





Symmetry





Rule of Thirds





rntc



Golden Ratio



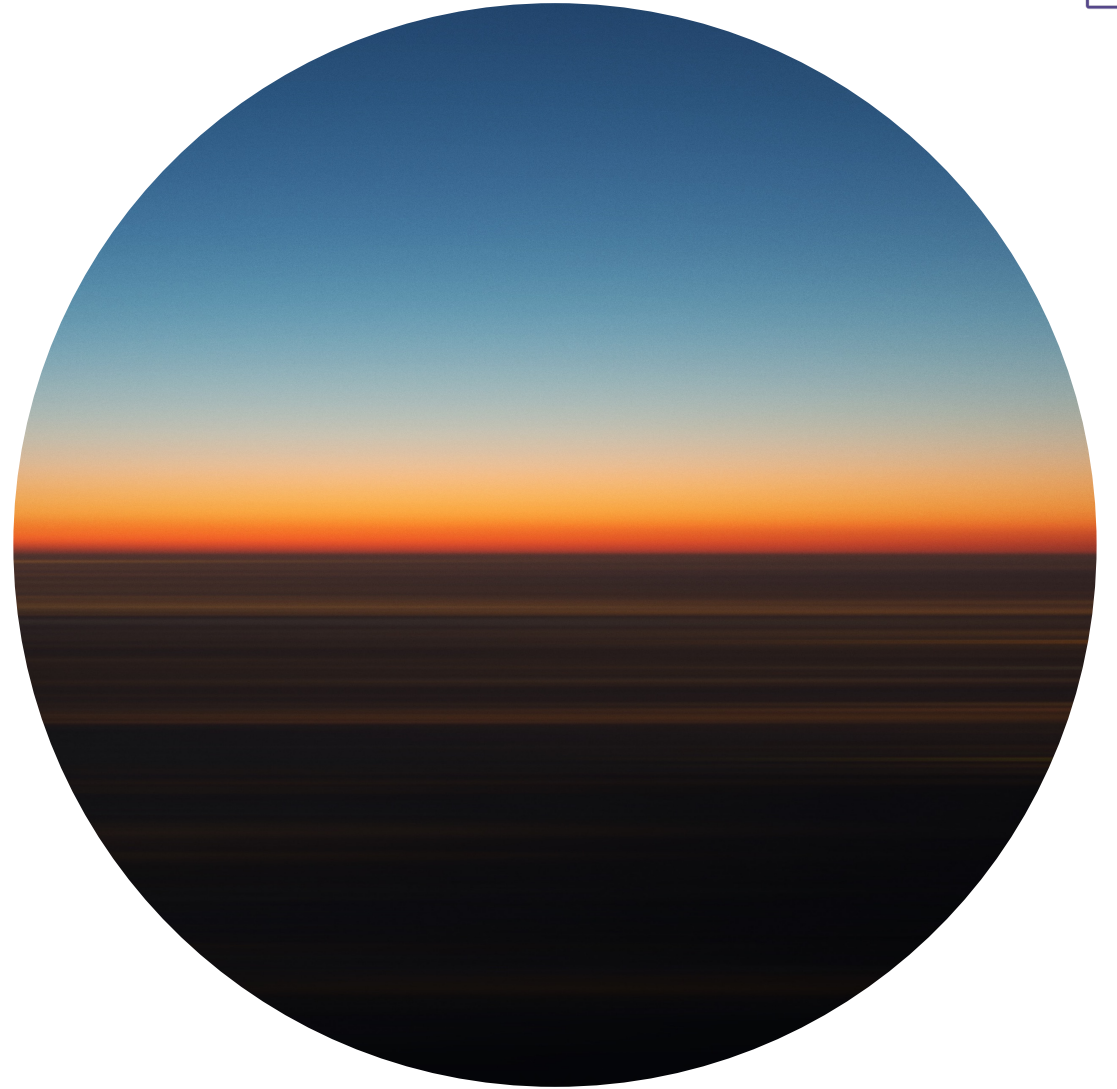
Golden Ratio

rntc



ASSIGNMENT

Work on composition: Take a photo of the horizon or an object by using the rule of thirds





REFLECTION

**What are your key
takeaways from
this session?**

QUESTIONS





THANK YOU!