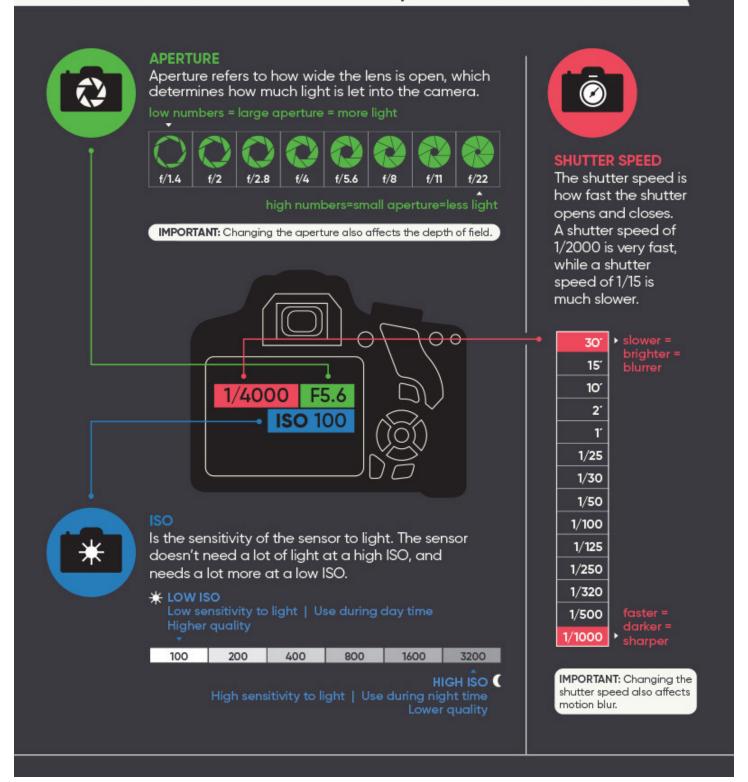
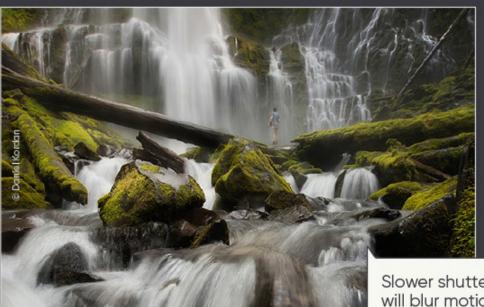
#### CAMERA EXPOSURE: APERTURE, ISO & SHUTTER SPEED



# Learn (\* © © PHOTOGRAPHY manual mode photography cheat sheet

**EXPOSURE SETTINGS IN ACTION** 

## **Moving Waterfall**



- (2) f/4
- \* 100/400
- 1/2000

Slower shutter speeds will blur motion; faster will stop the motion

#### **Bokeh Effect**



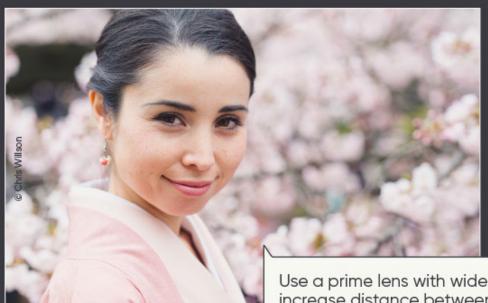
f/4 or wider

100/400

1/60 or faster

Keep a good distance between the subject and background; have a source of light in the background

#### Blurred background for portrait

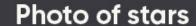


Widest available

**100/400** 

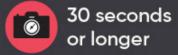
1/60 or faster

Use a prime lens with wide aperture; increase distance between subject and background











Use manual focus and a tripod

#### **Blurred motion**







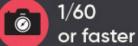


Use a tripod and pan along with your subject

#### Landscape





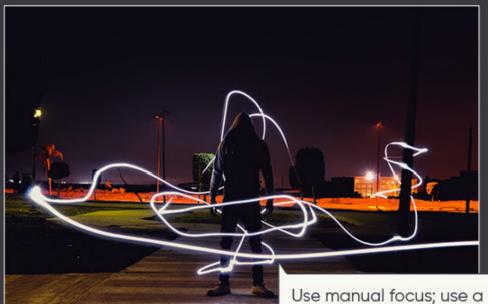


Use a wide-angle lens to capture more area

## Macro flower photo



# Light painting



- f/8 f/22
- \* 100
- 10–30 seconds

Use manual focus; use a tripod; keep the light source constantly moving

## Sunrise/sunset



- f/11 f/16
- \* 100/400
- **O** Varies

Use a tripod; set white balance to cloudy or shade

#### Golden hour





30 seconds Ō or longer

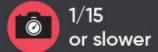
> Use a tripod for slower shutter speeds; set white balance to cloudy or shade



#### **Water blur**

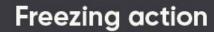








Use a tripod and neutral density filter on bright days



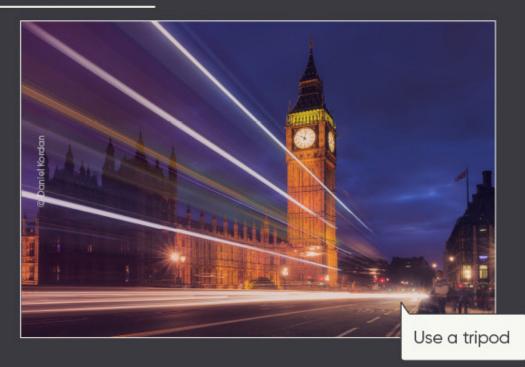






Focus as the subject comes into the frame, then take photo

# **Light trails**



- f/5.6 f/11
- 100
- 10-15 Ō seconds

# Food photography



f/4 (2) or wider

100/400

1/60 Ō or faster

Use natural light but not direct sunlight

## **Concert photography**



f/2.8 0 or wider

640 or higher

1/125 Ō or faster

Use a zoom lens with a wide aperture