



CLASS REVIEW

Topics Covered

Exposure: basics & creative

Focusing

Camera modes

Composition

Light

Editing


Landscapes/Nature

Moon


Storytelling

Portraits

Cameras & lenses




Three Keys
to Successful Picture




Three Keys to Successful Picture

1. Exposure




Three Keys to Successful Picture

1. Exposure
2. Focus



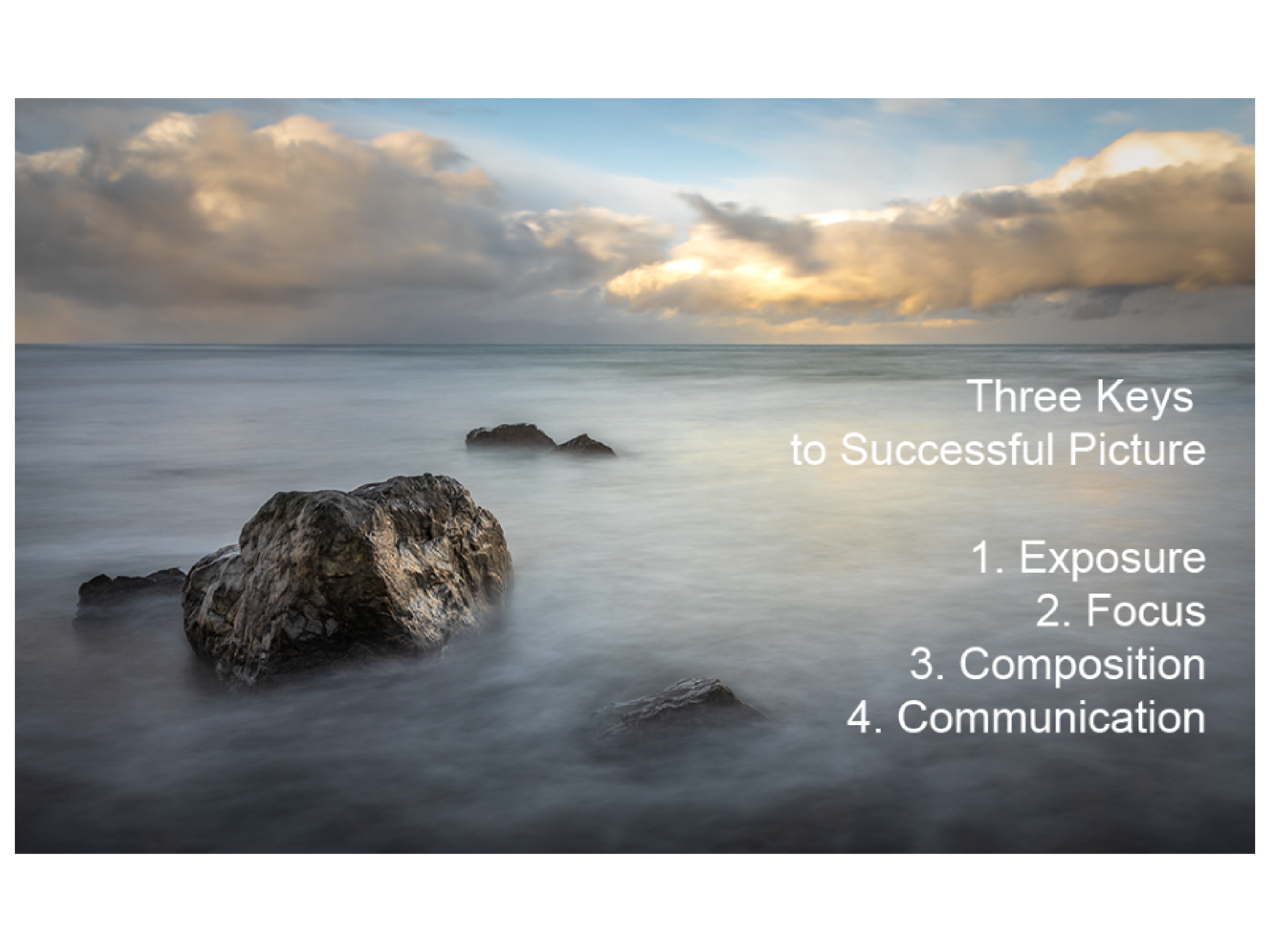
Three Keys to Successful Picture

1. Exposure
2. Focus
3. Composition



Three Keys to Successful Picture

1. Exposure
2. Focus
3. Composition
4. ?



Three Keys to Successful Picture

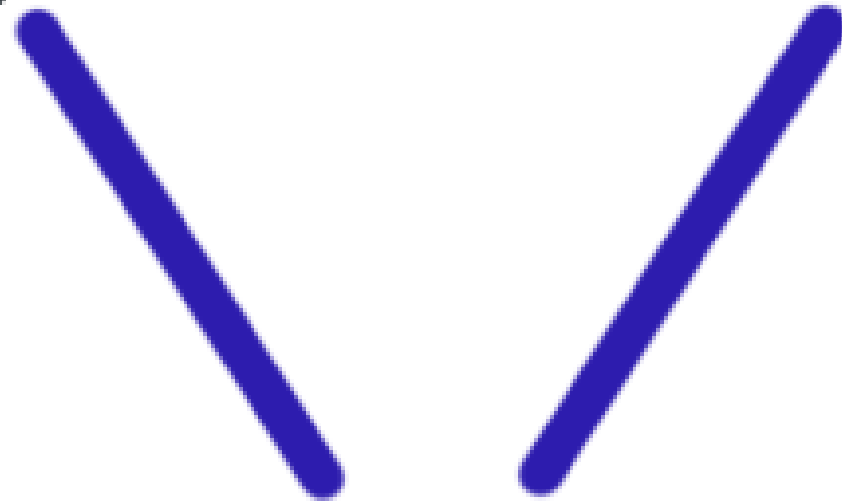
1. Exposure
2. Focus
3. Composition
4. Communication

What are the three
camera settings that affect exposure?

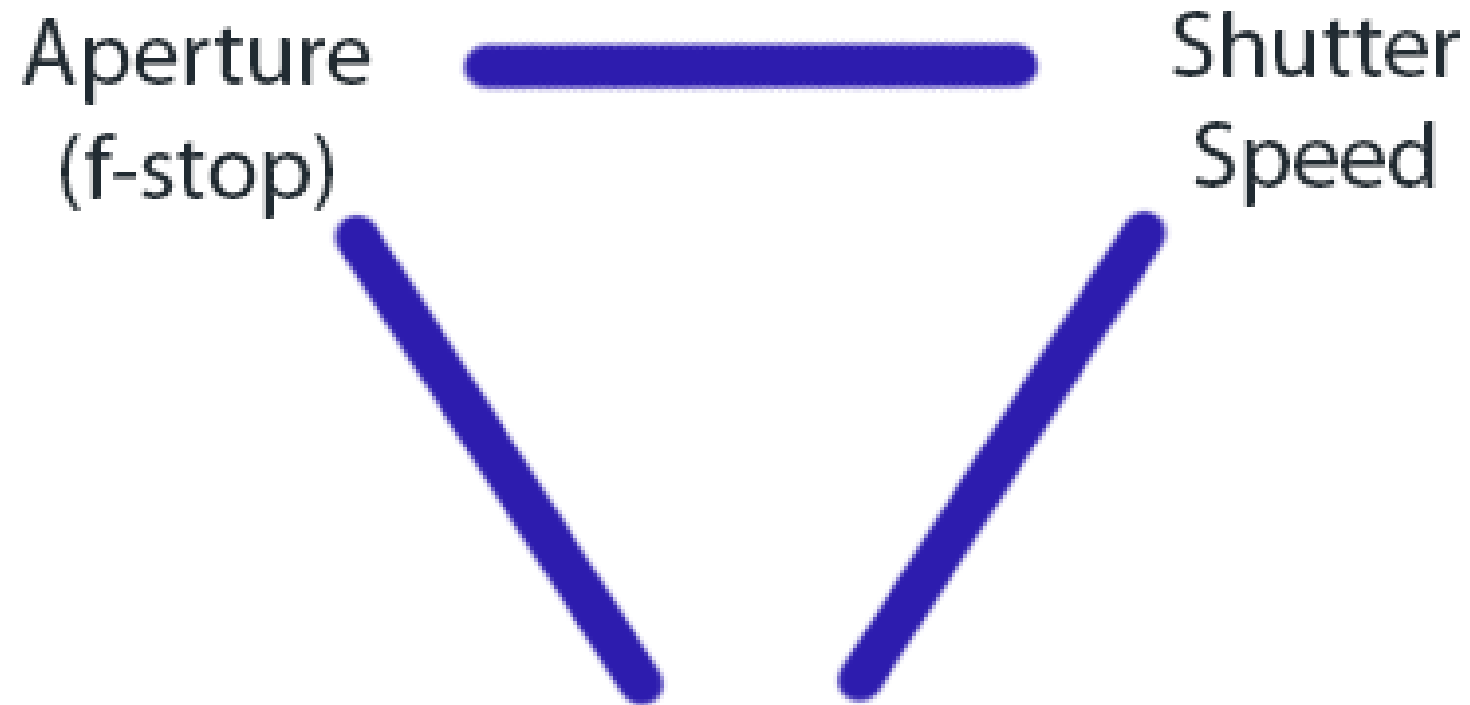


What are the three camera settings that affect exposure?

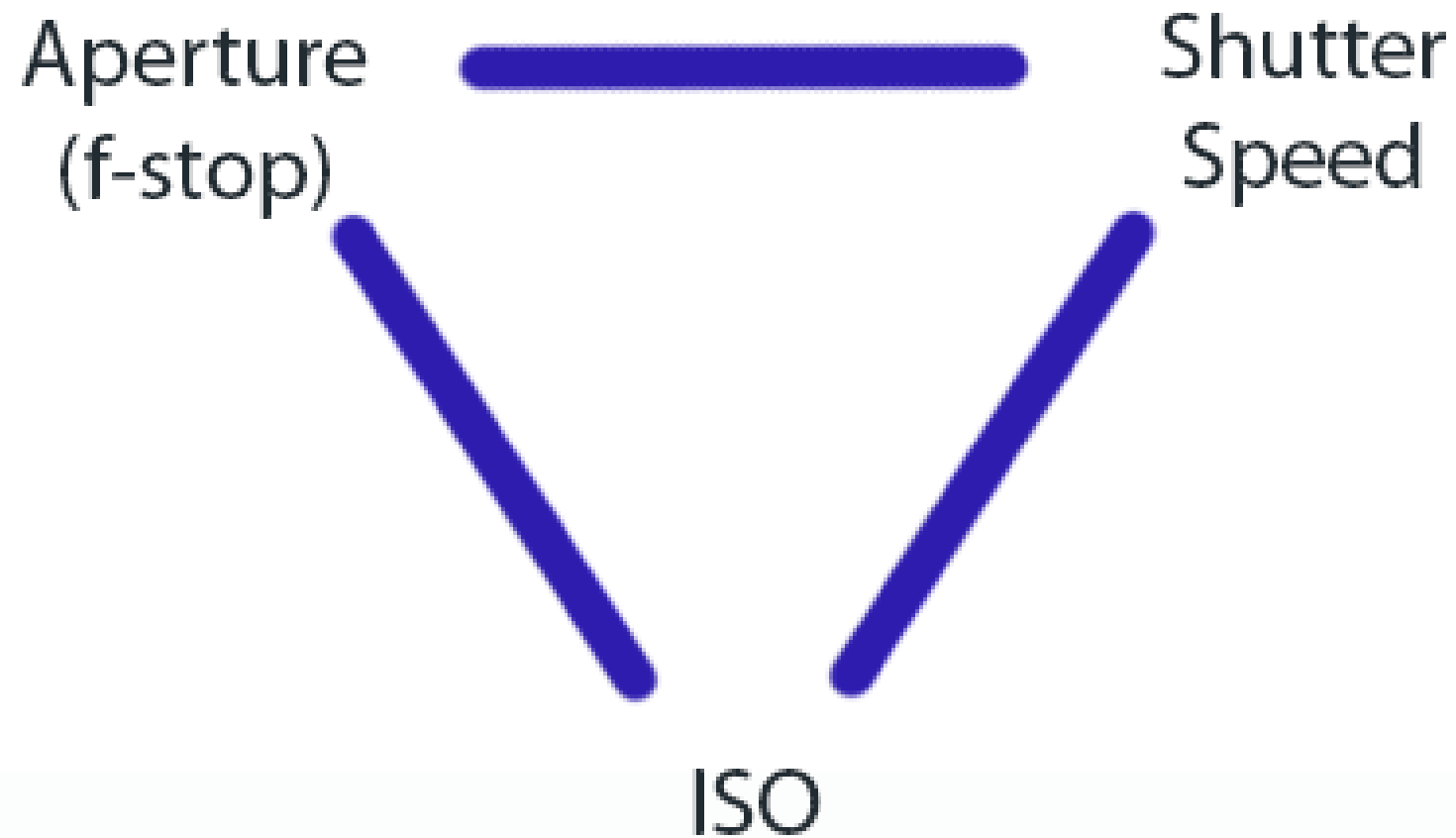
Aperture
(f-stop)



What are the three camera settings that affect exposure?



What are the three camera settings that affect exposure?



What does ISO do?

What does ISO do?

Increases the signal's gain.

(Think of it as controlling the sensor's sensitivity to light.)

Does higher ISO make the image
brighter or darker?



When might you want to increase your ISO?



Low light



Need faster shutter speed/
freeze the action



What might be an unwanted consequence of using a high ISO?



Noise

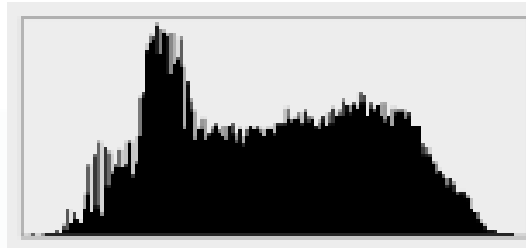
Auto ISO

- ISO changes to correct settings based on aperture and shutter speed
- Use in Aperture, Priority, Shutter Priority or Manual
- Helpful in general photography, action, travel, street, etc.
- Potential problems:
 - May result in unacceptably high ISO
 - May not work in extreme light or dark situations (won't go high/low enough)

How can you check
that exposure is correct?

How can you check
that exposure is correct?

Histogram



How can you
override/customize exposure
while in Aperture or Shutter Priority?

How can you
override/customize exposure?



Exposure Compensation

Camera Modes



Camera Modes

Aperture Priority

Camera Modes

Aperture Priority

- You set aperture, camera sets shutter speed

Camera Modes

Aperture Priority

- You set aperture, camera sets shutter speed

Shutter Priority

Camera Modes

Aperture Priority

- You set aperture, camera sets shutter speed

Shutter Priority

- You set shutter speed, camera sets aperture

Camera Modes

Aperture Priority

- You set aperture, camera sets shutter speed

Shutter Priority

- You set shutter speed, camera sets aperture

Manual Exposure

- You set aperture, shutter speed, ISO

Getting the “Correct” Exposure

- Aperture Priority. set aperture and check shutter speed. Adjust aperture and/or ISO as necessary.
- Shutter Priority. Set shutter and check aperture. Adjust shutter speed and/or ISO as necessary.
- Manual. Adjust aperture, shutter speed and/or ISO until light meter indicate proper exposure.

White Balance: What does it do?



White Balance: What does it do?



White balance adjusts color temperature to make colors appear natural, to make white look white.



In addition to exposure,
what else does aperture/f-stop affect?



Three things affect depth of field



Three things affect depth of field

1. Aperture/F-Stop



Three things affect depth of field

1. Aperture/F-Stop
2. Focal Length of Lens



Three things affect depth of field

1. Aperture/F-Stop
2. Focal Length of Lens
3. Proximity to Subject



How do you create shallow depth of field?

F5.6, 400mm



How do you create shallow depth of field?

1. Low f-stop

f5.6, 400mm

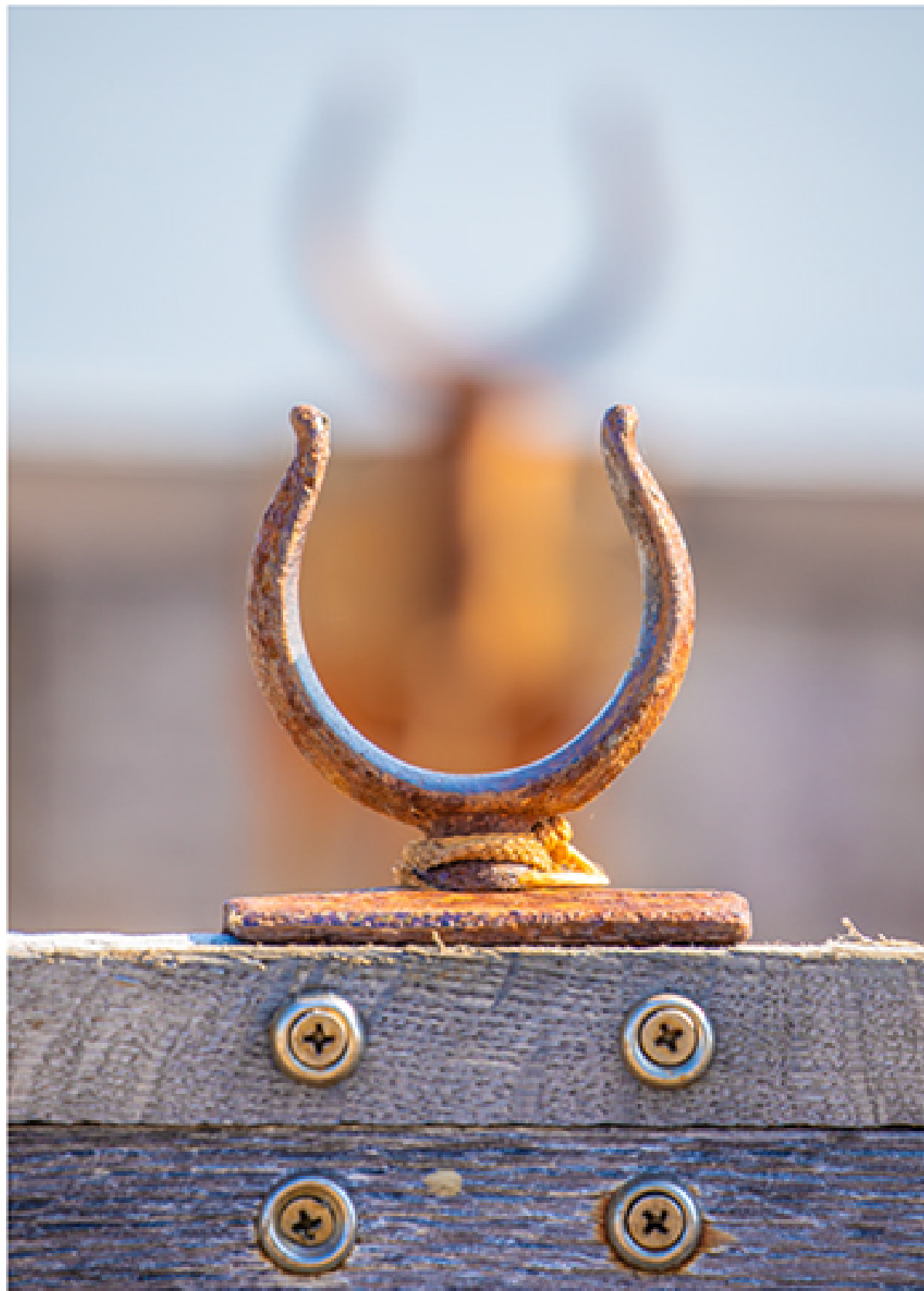


How do you create shallow depth of field?

1. Low f-stop

2. Proximity to subject

f5.6, 400mm



F5.6, 400mm

How do you create shallow depth of field?

1. Low f-stop
2. Proximity to subject
3. Long lens



How do you create great depth of field?



How do you create great depth of field?

1. High f-stop



How do you create great depth of field?

1. High f-stop
2. Not too close



How do you create great depth of field?

1. High f-stop
2. Not too close
3. Wide angle lens



How would you blur moving water?

A row of white beach houses with green shutters and gabled roofs sits on a sandy beach. The houses are built on wooden stilts. In the foreground, the ocean water is blurred, creating a soft, ethereal effect. The sky is filled with dramatic, dark clouds, and the overall lighting is warm and golden, suggesting sunset or sunrise. Utility poles with power lines are visible behind the houses.

How would you blur moving water?

Long shutter speed.

A photograph of a row of beach houses on a sandy beach. The houses are white with green shutters and are built on wooden stilts. The foreground shows a sandy beach and a body of water with a long-exposure blur effect, creating a smooth, ethereal appearance. The sky is filled with dramatic, dark clouds, and the overall lighting suggests a sunset or sunrise.

How would you blur moving water?

Long shutter speed.

15 secs.



How do you freeze the action?



How do you freeze the action?
Fast shutter speed.



How do you freeze the action?
Fast shutter speed.

Anywhere from 1/250th sec. to 1/4000th+, depending.



Landscape Settings



Landscape Settings

Aperture: F8-16

ISO: Lowest possible w/appropriate shutter speed

Tripod

Wide angle lens (any lens will do)



Action Settings



Action Settings

Shutter Priority or Manual

Shutter speed:
1/1000th - 1/4000th sec.

Auto ISO

Focus Mode: AF-C/Servo

Drive Mode: High speed

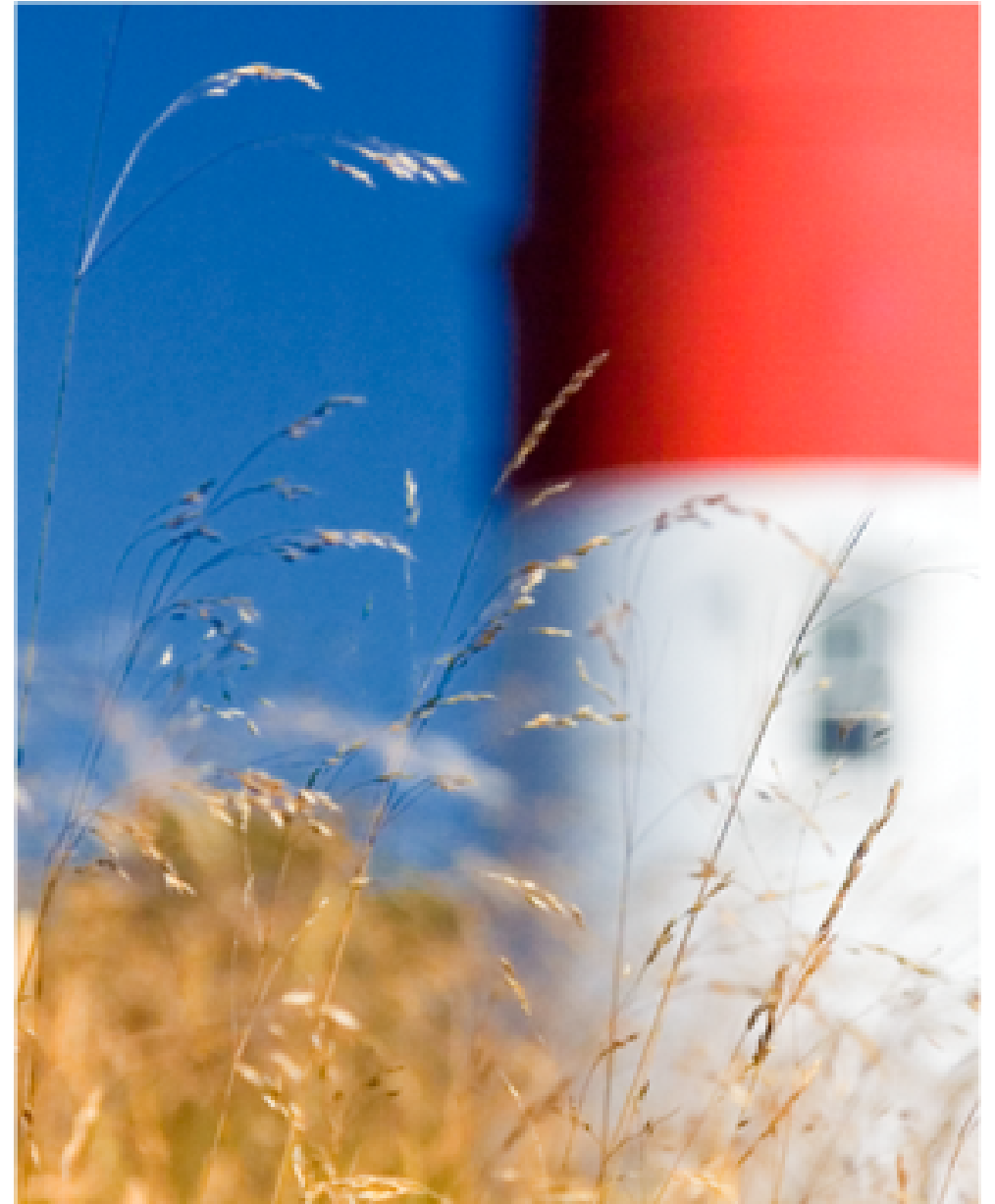
Aperture: Depends on what you want,
available light, etc.



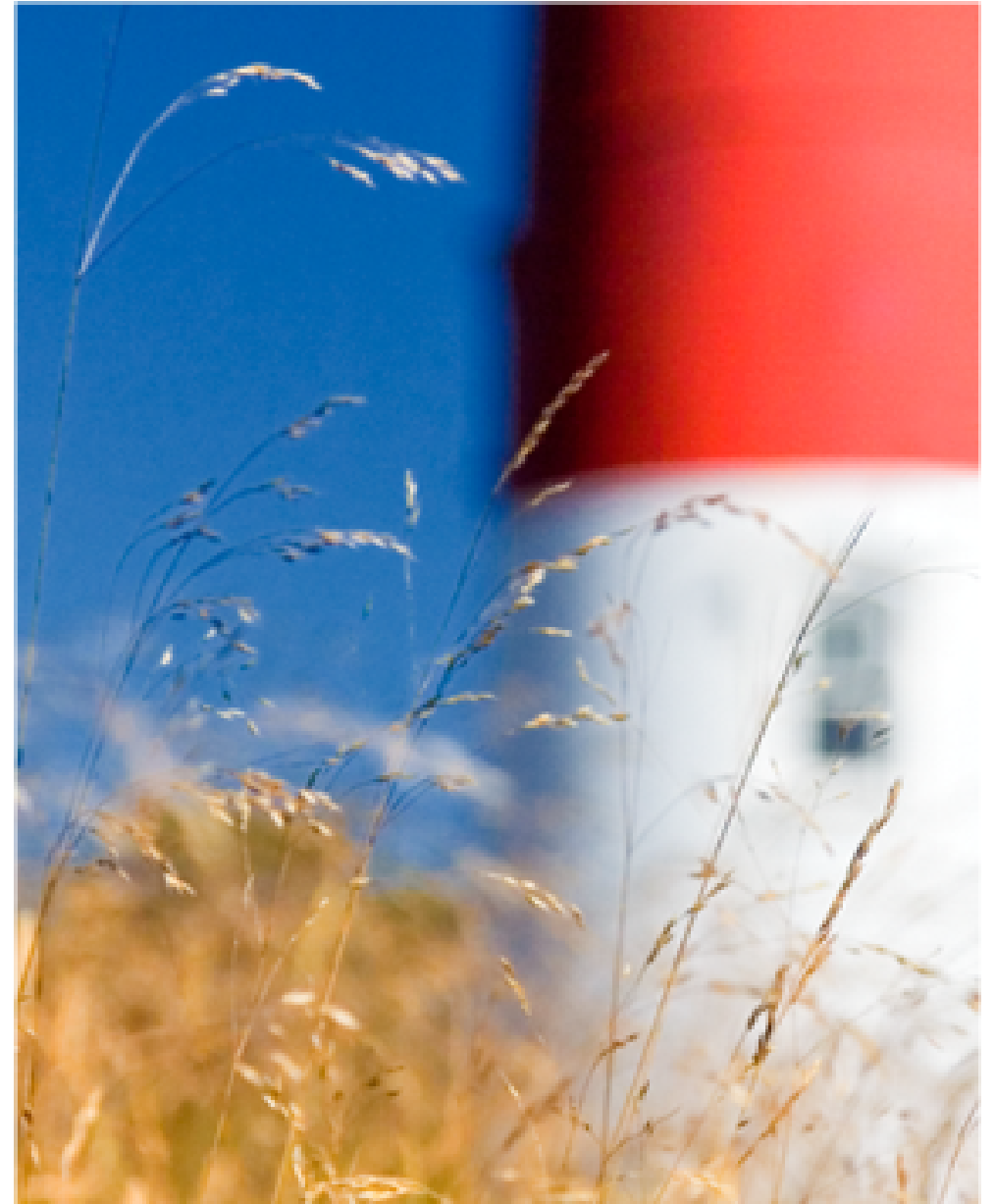
Portrait Settings

Lower f-stop for
shallowish DOF/
isolation (F-4ish)

Adjust ISO, shutter speed
to support aperture

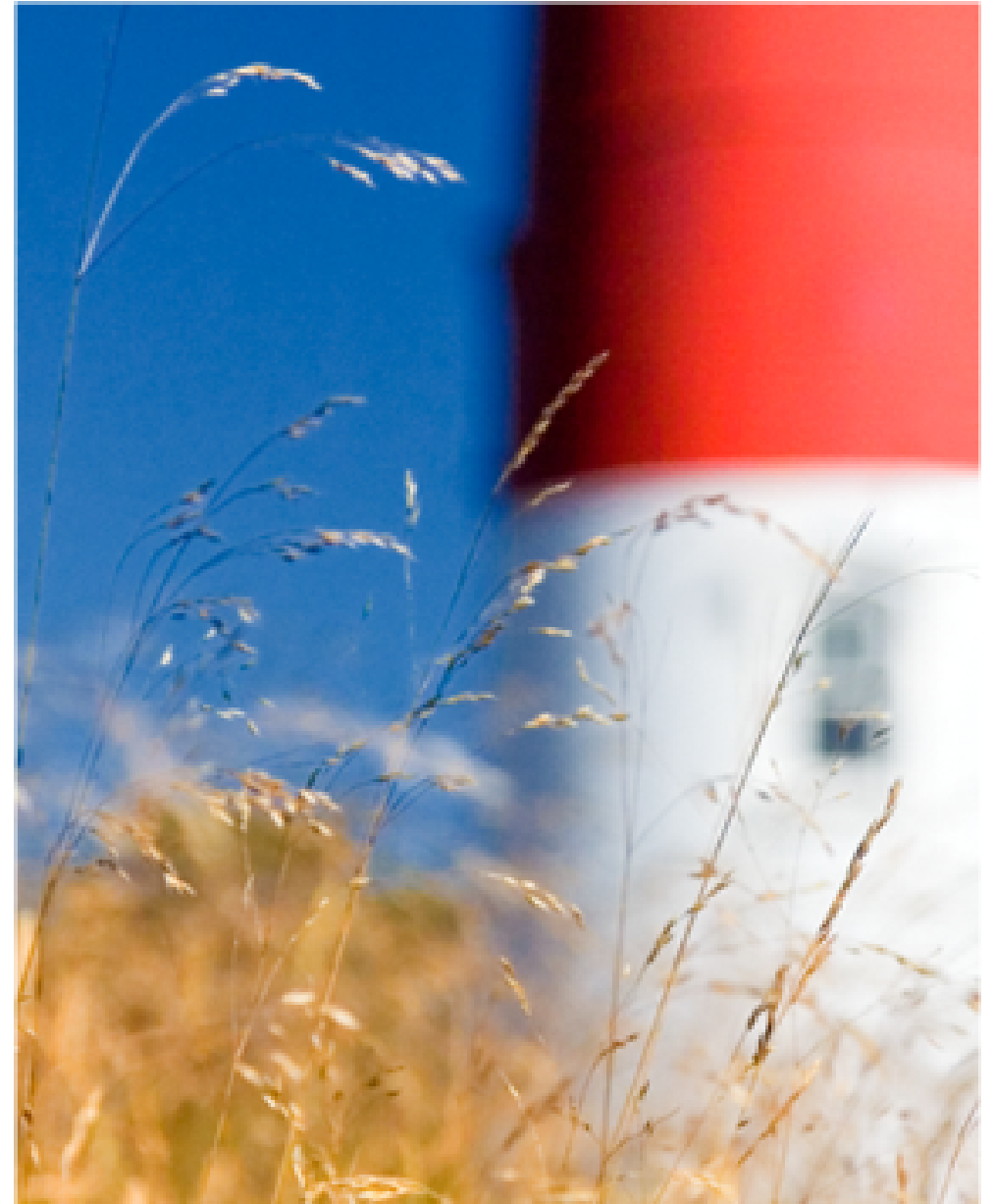


How do you control
which part of the picture is in focus?



How do you control
which part of the picture is in focus?

Moving your focus point.



How do you control
which part of the picture is in focus?

Moving your focus point.

Focus lock.



What are the four characteristics of light?



What are the four characteristics of light?

1. Quantity/Luminence



What are the four characteristics of light?

1. Quantity/Luminence

2. Quality/Direct or Diffuse



What are the four characteristics of light?

1. Quantity/Luminance
2. Quality/Direct or Diffuse
3. Color



What are the four characteristics of light?

1. Quantity/Luminence
2. Quality/Direct or Diffuse
3. Color
4. Direction



What time of day has the “best” light?



What time of day has the “best” light?

Golden hour.

Which is when?



What time of day has the “best” light?

Golden hour.

Which is when?

Hour after sunrise/before sunset (more or less)



What are some of the key design elements in composition?



Framing, focal points, lines, patterns, texture,
light, color, etc.

Composition

Make it, don't take it



Work the scene



What's a three-step approach to working the scene?



1. Go wide.



2. Go tighter.



3. Isolate a detail.



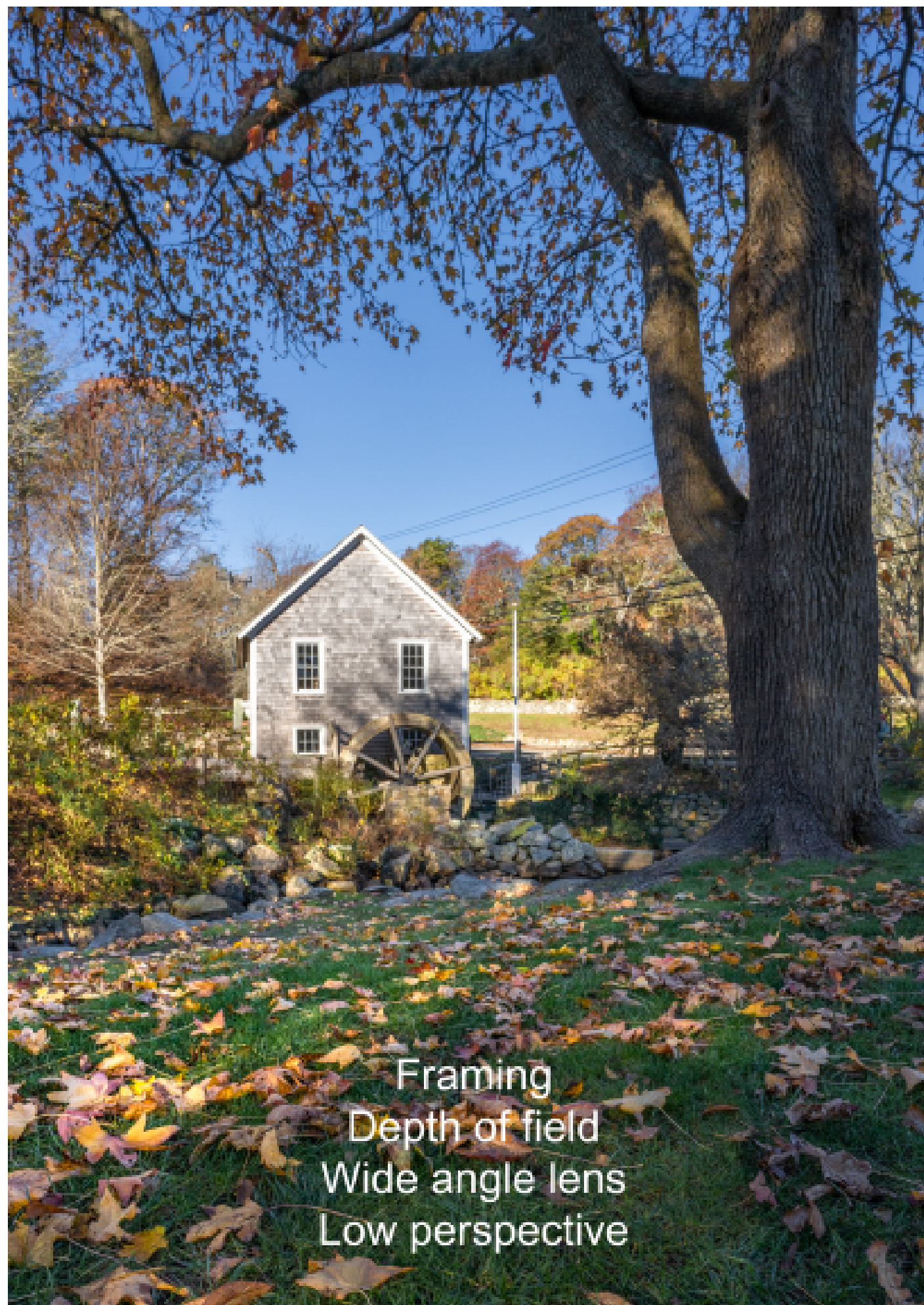
After shooting a horizontal...



Shoot a vertical.



What techniques are used here?



Framing
Depth of field
Wide angle lens
Low perspective



What design elements
are present here?



Leading line

Focal point



What about here?



Focal point, texture, simplicity.



TOP 12 TIPS

1. Keep it simple
2. It's a picture. Use the viewfinder as a frame (pay attention to the edges)
3. Balance your composition (Rule of Thirds)
4. Look for geometry (Lines, Points, Shapes)
5. See the Light
6. Experiment with Time & Space (use shutter speed & DoF creatively)



TOP 12 TIPS

7. Work the scene.
8. Use your imagination. Look for expressive things. .See horses in waves, whales in clouds, etc.
9. Learn to edit
10. Think about what you want and “make” images.



TOP 12 TIPS

11. Show your work.

- Facebook, Instagram, etc.
- Print your work
(Orleans Camera, Hunt's Photo, mpix.com)
- Create books (blurb.com) of special events, vacations, etc.
- Enter exhibitions - live and online



TOP 12 TIPS

12. Practice

- Make lots of images
- Study paintings and photographs
- Keep learning. Take classes and workshops, Youtube, join a camera club



You don't take a photograph...you make it.

- Ansel Adams



*There are no rules for good photographs,
there are only good photographs.*

Ansel Adams

Coming Up

2024

Photoshop for Photographers
Saturdays, Dec. 5 & 12

2025

Lightroom Basics & Beyond
Tuesdays, 6-8pm, Jan, 7-21

Intro to Photography
Saturdays, Jan. 11 - Feb. 8

Cape Cod Winterscapes
Friday-Sunday, Feb. 21-23

Also . .

Finding the Shot

Matha's Vineyard at Nigh

Cape cod at Night

Creative Coastal Photography

Downeast Maine and Campobello Island





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