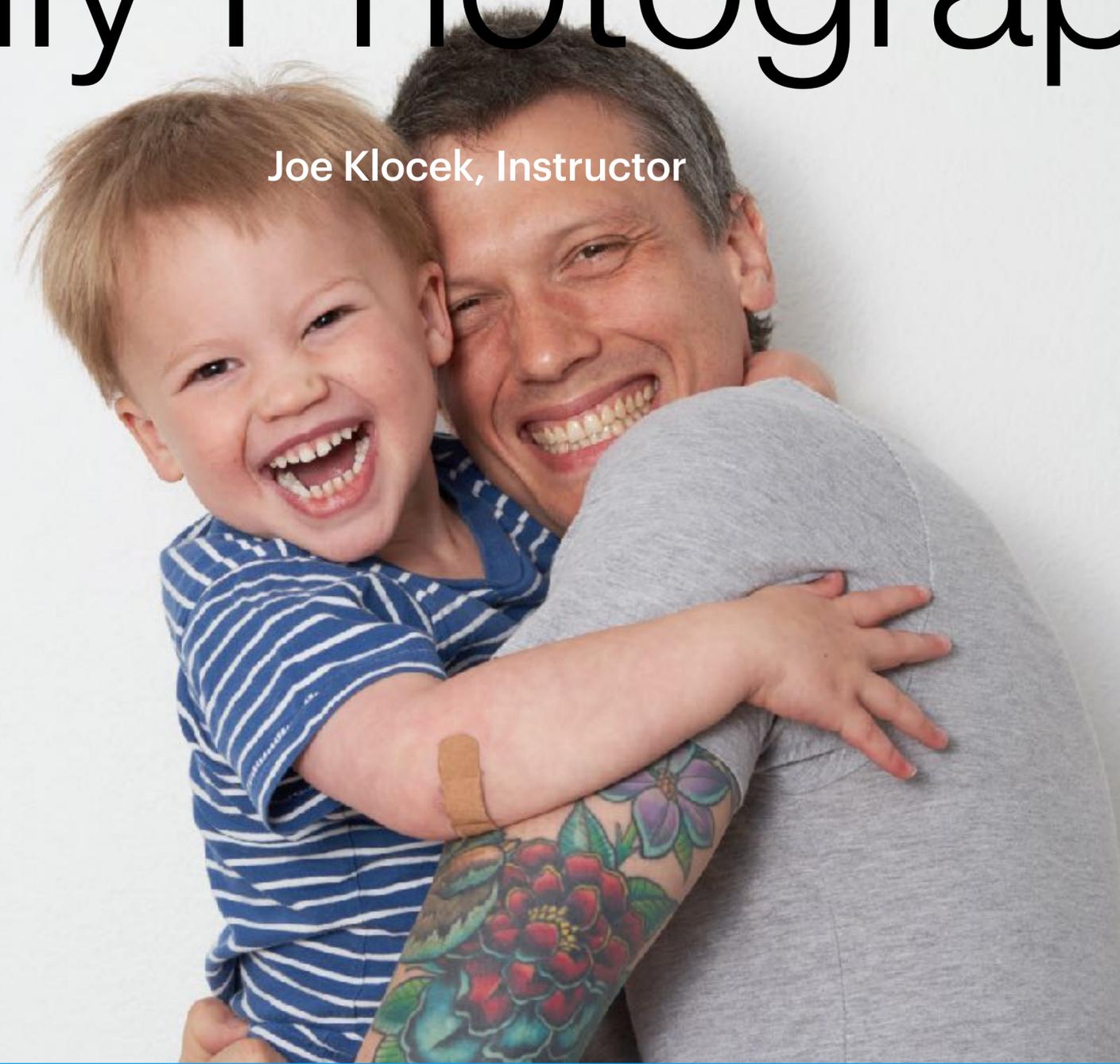


Family Photography

Joe Klocek, Instructor



@FStopsHereLLC



@CameraLessonsOnline



@Quizbuck

Photography Cheat Sheets

- Specific settings to plug and play
- Simple directions
- Link to instructional video
- 31 cards on all variety of topics
- The best tool to use in conjunction with classes and instruction



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Landscape (handheld)

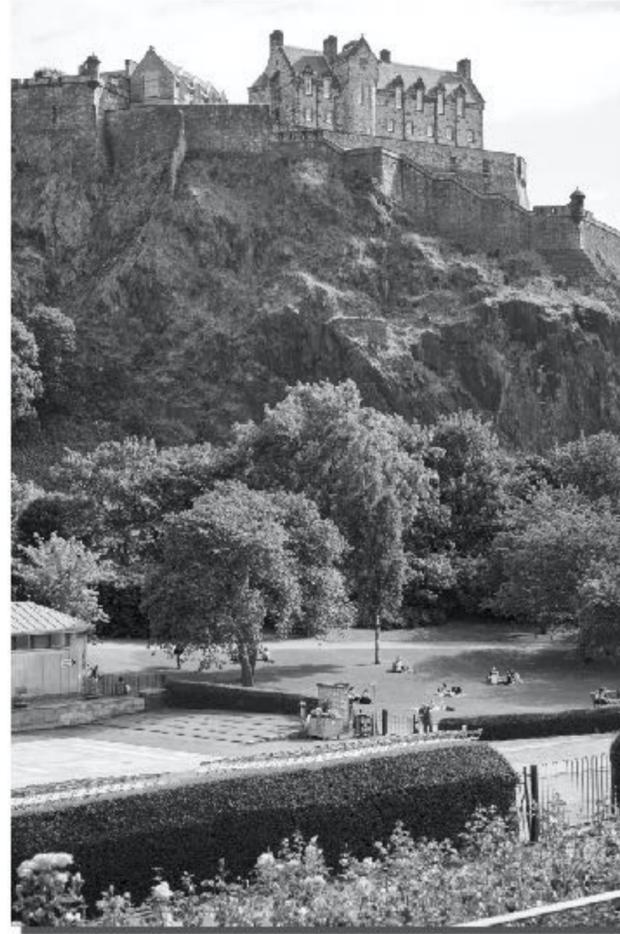
- Aperture set to f/8 or f/11
- Shutter speed set between 1/125 and 1/250
- Set ISO to auto (manual mode with auto ISO)
- Focus mode set to AF-S
- Focus area set to single focus point
- White balance set to daylight or cloudy day, depending on conditions
- Evaluative metering mode



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Directions

Navigate focus crosshair over the subject and acquire focus before shooting. Check that there is no motion blur captured in the frame. You can improve many compositions by placing an interesting object close to the camera. Try to shoot at advantageous times of day, such as sunrise and sunset, to get the best shadows and color. In order to achieve both the appropriate aperture and a fast enough shutter speed to hand-hold the image, use the RAW exposure technique and don't be afraid to raise the ISO if needed.



The F Stops Here

- Home
- Cheat Sheets
- Books
- Online Classes**
- Contact
- Shop

Photography Essentials



Photography Essentials: Zero to Sixty takes any all the skills they need to become proficient in th

- bandimere speedway workshop
 - capture one
 - composition
 - denver zoo workshop
 - family photography
 - hawk quest workshop
 - landscape photography
 - lightroom
 - lighting 101: intro to flash
 - lighting 201: in the studio
 - macro photography
 - night photography
 - photo 101
 - portrait photography
 - product photography
 - travel photography
- raphy and equips them with ine. [Just click here.](#)

Online Classes

The F Stops Here is partnering with photography retailers throughout the country to bring high quality online classes on a variety of shooting and editing topics. Each class includes presentations and accompanying downloads. Check them out below.

- Portraits
- Activity
- Vacations



Portraits

When shooting images of family, especially kids, you care much more about your shutter speed than ISO. This will be something of a theme for us, as we shoot many family images inside.



Sony A7Riii

Sony 55mm f/1.8

55mm

1/100

F/2.2

ISO 500

- Face detection with AF-C is the preferred way of shooting portraits and follow action with modern cameras.
- Without these technologies, use a single AF point and still keep the camera in AF-C mode.
- You will want to follow the subject and keep the AF point over his or her eye.

Cannon 5Diii

Tamron 35mm f/1.8

35mm

1/250

F/5

ISO 200



- When we are building the exposure, make sure to prioritize the subject's skin tone.
- Use exposure compensation and your histogram to check your accuracy.
- Manual exposure will create your best consistency.

Sony A7

Sony 55mm f/1.8

55mm

1/120

F/2

ISO 800



- The most important thing to do when shooting pictures of kids is to make sure to shoot at eye level.
- Flip screens are amazing for this purpose.
- We base our white balance decisions off of skin tone.

Sony A7

Sony 55mm f/1.8

55mm

1/200

f/2.5

ISO 640



Here we are shooting without a built in flash and building the exposure for the subject. We will, naturally, overexpose the window in the background.



Nikon D810

Tamron 24-70 f/2.8

35mm

1/125

F/2.8

ISO 640

If we build the exposure for the window, we will dramatically underexpose our subject. However, this is the perfect exposure to add flash to. In this sense, the pop-up flash in cameras is a very useful feature.

Nikon D810

Tamron 24-70 f/2.8

35mm

1/125

F/4

ISO 100



This is the same exposure, just with the built in flash firing. If you don't have a built in flash, then a basic attachment flash is great. The Good 860 III is a wonderful choice.

Nikon D810

Tamron 24-70 f/2.8

35mm

1/125

F/4

ISO 100



This is the same process when shooting a portrait outside. Build an exposure in manual for the background and then use an attachment flash in auto (TTL) to light the subject.

Sony A7Riv

Zeiss 85mm f/1.8

85mm

1/200

F/3.5

ISO 100



How do you get kids involved in portraits? Get them using the gear, taking turns, and allowing them to engage with the camera in the way they want first. Have requests of them second.



Sony A7Riv

Tamron 28-75 f/2.8

54mm

1/200

F/7.1

ISO 100

17

Normal view prime (not necessarily a 50mm)

Small or built in flash

A slightly wide prime

Face detection

Sony A7Riv

Sony 55mm f/1.8

55mm

1/125

F/2.8

ISO 200



Activity

- If we can help it we want to use subject tracking, especially subject tracking based on the face of our subject, to follow the action.
- If your camera allows you to program subject faces for prioritization, you should set that up.

Sony A7Riv

Sony 24-70 f/4

40mm

1/400

F/9

ISO 100



Many cameras use a single AF point to identify a tracked subject and then use color, size, and shape to follow it. Learn how to identify a subject with your camera.



Sony A7Riv

Sony 24-70 f/4

30mm

1/500

F/5

ISO 100

- When you are shooting action, you will predominantly need to think about shutter speed. But this needs to keep in mind your pixel density.
- Essentially, high resolution cameras require a faster shutter speed than lower resolution cameras.

Sony A7Riv

Tamron 28-75 f/2.8

53mm

1/400

F/5

ISO 100



If you don't have tracking, use a small focus point, or a small grouping, and place it over the subject's eye. Then follow along with the subject throughout the activity. I really like small groupings because they are flexible if you don't have great contrast at one moment, or if the subject moves.

Sony A7Riv

Sony 24-70 f/4

24mm

1/500

F/5

ISO 125



You want to position yourself ahead of the action and always have it coming towards you, this will create more dynamic images.



Sony A7Riv

Sony 24-70 f/4

24mm

1/500

F/4

ISO 250

There are several settings for tracking within a camera. Oftentimes we can tailor the settings so that they are less responsive to the environment. This allows the system to follow one subject while ignoring others. When setting tracking you want sensitivity turned down, not up.

Sony A7Riv

Tamron 28-75 f/2.8

73mm

1/500

F/4

ISO 200



- Remember that a grainy picture is always better than a blurry picture.
- There are many good reasons to keep a simple prime on your camera regularly, so that you can be successful inside.
- Be in the moment and have the camera as an extension of yourself throughout an activity.

Sony A7Riii

Sony 55mm f/1.8

55mm

1/125

f/2

ISO 1250



- Tracking based on face or eye detection
- Tracking tailoring
- Ranged telephoto



Sony A7Riv
Sony 24-70 f/4
24mm
1/500
F/4
ISO 250

Vacation

Whatever it takes, you want to have the camera on you. Bringing the camera out as a special occasion is the easiest way to get staged and flat images. The camera should be mundane to the subject.



Son RX100 m2

24-70 f/2.8-4

24mm

1/800

F/4

ISO 160

There is little substantively about vacation imagery that is different from normal action, but we need to think about the situation differently. We want to get ahead of the action, like before, and we want to focus on the subject. But we are also more interested in the subject than the environment.

Sony A7Riv

Tamron 28-75 f/2.8

75mm

1/1250

F/5

ISO 100



We don't frame images on vacation with the family the way we do for landscape images. We zoom in more, we fill the foreground, and we worry less about the aesthetic of the environmental composition.



Sony A7Riv

Sony 20mm f/1.8

20mm

1/320

F/10

ISO 100

Let's talk about editing. Sometimes you shoot a scene in a dark and unforgiving room. How do you tackle this situation? Let's look at an image from a birthday party. This was a dark room. So we gathered as much as possible and made the shutter speed reasonably fast enough. But that didn't get us the whole way there.

Sony A7Riv

Tamron 28-75 f/2.8

75mm

1/125

F/2.8

ISO 800



This is the original image. I pushed the ISO as far as I felt I could. The rest had to be done in post. The issues were several. First, it's too dark. Second, the subject is not separated from the background. Third, the color is definitely too magenta.

Sony A7Riv

Tamron 28-75 f/2.8

75mm

1/125

F/2.8

ISO 800

