

Photography

Depth Of Field (DOF)

Students are going to learn the visual difference between a shallow DOF & a large DOF.
Students are going to learn how to adjust the camera setting to obtain a shallow DOF & a large DOF.

In this project you are going to capture two photos of the same subject: one with a shallow DOF and one with a large DOF.

For this project we will use the **Av mode** (Aperture Priority mode), so when we set the aperture the camera will calculate to correct shutter speed for proper exposure. And we will set the **ISO to Auto** (we will learn more about ISO later). Watch the shutter speed selected to assure it does not get too slow (do not let it get slower than 1/30). If it gets too slow find a location with more light.

A **large** f/stop number for the aperture results in a **large** DOF.

A **small** f/stop number for the aperture results in a **small** DOF.

Here are some examples:





Notice in both images the cactus flower is in focus, since that is the main subject. In one image everything is in focus, in the other it is only the cactus flower that is in focus. But still, in both images the subject is in focus.

The rubric I will use:

	Large DOF					Shallow DOF				
Achieved requested DOF	5	4	3	2	1	5	4	3	2	1
Quality of light	5	4	3	2	1	5	4	3	2	1
Overall quality of photo (comp, ...)	5	4	3	2	1	5	4	3	2	1

Video used in class:

Lesson on DOF from Australia: <http://www.youtube.com/watch?v=l3zdybilbCY&feature=related>