**ISO, Exposure Meter, and Manual Mode**

[Learn | Canon Explains Exposure (canonoutsideofauto.ca)](http://canonoutsideofauto.ca/learn/)

**ISO** - Sense the right amount of light for the visual effect you want.

**What it is and what it does:** With the ISO setting a camera's \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ can be adjusted to detect more, or less light as needed for a good \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. On a bright sunny day too much light hitting the \_\_\_\_\_\_\_\_\_\_\_ can cause an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ so make it \_\_\_\_\_\_\_\_\_\_\_\_\_ sensitive with a \_\_\_\_\_\_\_\_\_ ISO number. If your shooting conditions are\_\_\_\_\_\_\_\_\_\_ the sensor needs to detect more light so \_\_\_\_\_\_\_\_\_\_ its sensitivity with a\_\_\_\_\_\_\_\_\_\_\_ ISO. High ISO will cause \_\_\_\_\_\_\_\_\_\_\_\_ so as a rule use the lowest ISO \_\_\_\_\_\_\_\_\_\_\_\_\_. The photo effects you want to achieve with the aperture and shutter speed will impact the amount of light reaching the sensor, so use the\_\_\_\_\_\_\_\_\_ to adjust its sensitivity and get a good exposure.

**Exposure Meter**- Sanity check your settings.

**What it is and what it does:** The Exposure Meter is your final \_\_\_\_\_\_\_\_\_\_\_\_ before you snap a shot. At a glance it tells you how your exposure will turn out based on the Aperture, Shutter Speed and ISO settings. A well exposed shot lines up right down the center at \_\_\_\_\_\_\_\_\_\_. An underexposed shot (too little light) falls \_\_\_\_\_\_\_\_\_ of center and an overexposed shot (too much light) falls \_\_\_\_\_\_\_\_\_\_ of center. Use the Exposure Meter as a \_\_\_\_\_\_\_\_only, exposure is a matter of personal\_\_\_\_\_\_\_\_\_\_\_\_\_ so don't be afraid to \_\_\_\_\_\_\_\_\_\_\_ off of zero.

[Play | Canon Explains Exposure (canonoutsideofauto.ca)](http://canonoutsideofauto.ca/play/)

Click the link above.

**Step 1:** Select **Manual Mode (M).**

**Step 2:** Let's try to blur the movement of the propeller by setting the shutter speed at 1 second.  **What aperture f-stop AND ISO setting will you need for a good exposure?**

**Step 3:** Now let's freeze the propeller at 1/4000 shutter speed.  **What aperture f-stop AND ISO setting will you need for a good exposure?**