
UNIT 3: ISO AND LOW LIGHT PHOTOGRAPHY – TASK 1 HELP SHEET

TASK 1:

The instructions are detailed below. You are trying to do two things:

1. Determine how high you can take your ISO setting before the image becomes too grainy.
2. Get a feel for how much light you need when taking an image.

To do this, you need to work indoors in a low light situation.

- Find a room that is quite dark with just a small amount of light coming in (a low light situation).
- Choose any subject – a teddy bear sitting on a bed, an ornament or a book sitting on a shelf – it does not matter.
- Make sure your flash is turned off.
- Set your camera to Aperture Priority mode
- Set your Aperture setting to the widest setting possible (smallest number)
- Set your ISO to the lowest it will go.
- Try to take a shot. If there is not enough light, your camera will not be able to take a shot.
- Increase your ISO and take another shot.
- Repeat the process until you have tried all ISO settings available on your camera.
- If your images start to become overexposed, adjust your aperture setting.
- Introduce a little more light into the room and repeat the process.
- Process the images on your computer.

Resample and upload your best image.

Answer these questions in your image story answer block:

- How high you can raise your ISO in a low light situation before your image becomes noisy/grainy? (view your images at 150% to check for noise)
- What did you learn from this activity? (eg. How much light you need to be able to take a good image)