



Take Away 'Home Learning'



Term: 1
Year group: 10
Subject: BTEC Media
Topic: Photography Skills



The Peri-ometer 4 task menu shows the level of challenge of each task ranging from extra mild to extra hot. All tasks should be completed during the term.

Create a series of 4 portraits using three different lighting techniques: front lighting, side lighting, back lighting.	Use a consistent subject for all four photos, preferably a person. Analyse the shadows, highlights, and overall mood created by each lighting technique.	Google classroom - Skills lessons. Search online using keywords "lighting techniques photography"
Capture a moving subject, such as a person running or a car passing by, using both a fast shutter speed and a slow shutter speed.	For the fast shutter speed shot (e.g., 1/1000s), try to freeze the motion of the subject. For the slow shutter speed shot (e.g., 1/15s), aim to create a motion blur effect. Compare the two photos and discuss the impact of shutter speed on capturing motion.	Google classroom - Skills lessons. Search online using keywords "shutterspeed techniques photography"
Capture the same indoor scene at three different ISO settings: low (e.g., ISO 100), medium (e.g., ISO 800), and high (e.g., ISO 3200).	Find an indoor setting with moderate lighting. Without changing any other settings on your camera, take three photos at the different ISO levels. Observe the differences in noise and graininess between the photos. Discuss how increasing the ISO affects the image quality.	Google classroom - Skills lessons. Search online using keywords "iso techniques photography"
Take two photos of the same subject: one with a blurred background (shallow depth of field) and one where both the subject and the background are in focus (deep depth of field).	Choose a subject, preferably something stationary like a flower or a toy. Use a wide aperture (e.g., f/1.8 or f/2.8) for the shallow depth of field shot. Use a narrow aperture (e.g., f/16 or f/22) for the deep depth of field shot.	Google classroom - Skills lessons. Search online using keywords "DOF techniques photography"