

Photographer



Complete either (A) or (B):

(A) Still Photography

1. Produce twelve prints of photographs (negative or digital) taken by the Scouts covering at least 4 aspects.
2. (a) Know the main functions of a film camera, including shutter speed, aperture, film speed, depth of field and lens focusing, to get the best results; or
(b) Know main functions of a digital camera including resolution, digital compression and how these affect the final print, to get the best results.
3. Discuss the different types of camera and the functions of the accessories available. Demonstrate how to care for a camera and accessories.
4. (a) Describe the process of developing black and white films and prints, including the use of an enlarger; or
(b) Describe the processes and equipment needed to produce prints from a digital camera, including the use of editing software; or
(c) Describe the processes and equipment needed to scan prints or negatives from existing photographs, including the use of editing software.
5. Know how to avoid the faults that occur both at the photographing or printing stages, such as over / under exposure and high / low contrast.
6. Explain the difference between camera shake and subject movement.

(B) Video photography

1. Produce two short films (at least 10 minutes for each) covering different aspects. (A story board and script should be produced for each of these. The Film can be edited 'in camera' or by using simple editing equipment.)
2. The main features and functions of a video camera, including zoom, focus, aperture, shutter speed, white balance and common tape formats.
3. Understand the problems that may be encountered when using automatic settings and how these may be overcome.
4. Understand camera techniques such as panning, zooming, the use of close-ups, long shots, and the use of additional lighting.
5. Understand the production techniques such as editing, how to avoid jumpy cuts, maintaining continuity.
6. Demonstrate that you know how to care for a video camera and accessories such as tapes, batteries, microphones and lights.