

Year 2 Computing Knowledge Organiser – Summer 1

Theme: Creating Media (Digital Photography)



Key Knowledge and Skills

By the end of this unit children will..

learn to recognise that different devices can be used to capture photographs and will gain experience capturing, editing and improving photos. Finally, they will use this knowledge to recognise that images they see may not be real.

Taking Photographs

Photography is a way of making a picture using a camera. There are lots of different photography devices (things we can take photographs on). For example, smartphones, digital cameras and tablets. There are also lots of different subjects we can take photographs of e.g. a selfie, an action shot or a beautiful scene.



How to take a good photograph

1. Hold the device firmly in both hands
2. Point the camera at the subject
3. Look at the viewing screen
4. Move the device to get the shot that you want
5. Press the capture button

Choose landscape or portrait



Editing Techniques

Editing is when we add, change and remove things to get the result that we want. Many things can be edited in photographs to create different effects.



Photograph editing programs often have filters. These can change the colours in a photograph. Different colours can give us different feelings when we look at them.

When the lighting of the photograph is not quite right, we can change the brightness of the photograph.



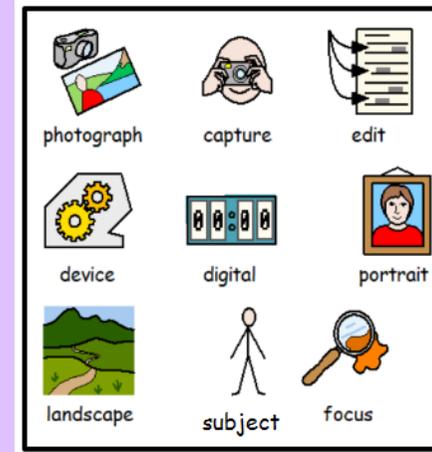
You can also change the contrast of a photo. This can make the subjects clearer or more blurry.

Real or Edited?

Sometimes it is hard to tell whether a photograph is real or has been changed. The software for editing photographs is getting better, and people are getting more skilled at using it. People may change a photograph to make it look as though it is real, but in fact it is edited. They may do this to try and advertise a product or present something in a different way. Do not always believe what you see!



Key Vocabulary



photograph – a digital picture that we can take using a camera.

Capture – to record or take a picture of something using a digital device.

Editing – when we add, change or remove things to get the result that we want.

device – there are many different devices we can use to take a photograph.

digital - electronic systems and resources that help us learn, communicate, play and more.

portrait – when the photograph is higher than it is wide.

landscape – when the photograph is wider than it is tall.

subject – the main focus point of the photograph

focus - the process of adjusting the lens / device / lighting to find maximum detail and sharpness in an image.

Online Safety

Health, Well-being and Lifestyle

There are lots of great things that we can use technology for at home (e.g. listening to music, playing games, reading). We have often have rules for using these technologies at home though to help us stay both safe and healthy. If we use technology for too long it may mean we miss meals / hurt our eyes / not get enough exercise. Sometimes rules are more important at certain times than others (e.g. bedtime, meal time, when someone is talking to you).

