

Seamer and Irton CP School – Computing (H.Griffiths)

Topic – Digital Photography	Year 2 Autumn 2	Strand – Digital Media
Prior Learning	Key Knowledge I need to understand	
<p>In the previous digital media units</p> <p>Year 1 – Digital Painting – Autumn 2</p> <p>Year 1 Digital Writing - Spring 1</p> <p>learners were introduced to different elements of Creating Digital Media and will now have an understanding that this includes text, images, sounds, and video</p>	<p>I need to understand that:</p> <p>We can use digital devices to help us to take and edit photographs.</p> <p>Many different devices can be used to take photographs, for example digital cameras, phones, tablets and webcams.</p> <p>We can also use lots of different apps and programs to edit and improve photos, for example Photoshop, Luminar and Pixlr.</p> <p>We should understand that not all photographs that we see are real – they may have been edited.</p> <p>Learners 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.</p>	

How I will show what I have learned

To use a digital device to take a photograph	<ul style="list-style-type: none"> - I can recognise what devices can be used to take photographs - I can talk about how to take a photograph - I can explain what I did to capture a digital photo
To make choices when taking a photograph	<ul style="list-style-type: none"> - I can explain the process of taking a good photograph - I can take photographs in both landscape and portrait format - I can explain why a photo looks better in portrait or landscape format
To describe what makes a good photograph	<ul style="list-style-type: none"> - I can identify what is wrong with a photograph - I can discuss how to take a good photograph - I can improve a photograph by retaking it
To decide how photographs can be improved	<ul style="list-style-type: none"> - I can explore the effect that light has on a photo - I can experiment with different light sources - I can explain why a picture may look unclear
To use tools to change an image	<ul style="list-style-type: none"> - I can recognise that images can be changed - I can use a tool to achieve a desired effect - I can explain my choices
To recognise that images can be changed	<ul style="list-style-type: none"> - I can apply a range of photography skills to capture a photo - I can recognise which images have been changed - I can identify which images are real and which have been changed

What vocabulary I need to know

Device, camera, photograph, capture, image, digital, landscape, portrait, framing, subject, compose, light sources, flash, focus, background, editing, filter, format, framing, lighting

What's next

In **Year 4 – Photo editing – Summer 1**, learners will develop their understanding of how digital images can be changed and edited, and how they can then be resaved and reused. They will consider the impact that editing images can have and evaluate the effectiveness of their choices.

Assessment

National Curriculum Computing links

- Use technology purposefully to create, organise, store, manipulate, and retrieve digital content
- Recognise common uses of information technology beyond school
- Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies

Cross-Curricular links

Art and design

To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form, and space

Assessment

Formative assessment opportunities will be provided throughout each lesson. The learning objective and success criteria will be introduced at the beginning of each lesson and then reviewed at the end. Learners should assess how well they feel they have met the learning objective using the teacher's chosen method.

Summative assessment completed on ScholarPack on teacher judgement alongside evidence from each session.

Online Safety

Health, well-being, and lifestyle

- To identify that some images are not real (fake)

Teacher Subject Knowledge

It is recommended that you use digital cameras to take photographs in these lessons, so that learners can experience a range of devices. However, alongside your class camera please use the iPads.

You should be familiar with the basic principles of photography, including composition, framing, lighting, and how to reduce blur.

You should be familiar with the online photo editing tool, Pixlr, and knowledge of using photo editing software to apply filters to images is required to use this effectively; you should also be familiar with saving and downloading images