

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

**Topic – Photo Editing**

**Year 4  
Summer 1**

**Strand – Digital Media**

## Prior Learning

**In Year 2 – Autumn 2 – Digital Photography** Learners learnt to recognise that different devices can be used to capture photographs and gained experience capturing, editing, and improving photos. Finally, they used this knowledge to recognise that images they see may not be real.

Learners will also now have experience of making choices on a tablet/computer and will be able to navigate within an application.

In all previous **creating media** units (completed Autumn 2 and Summer 1 each year), learners have been learning to select and create a range of media including text, images, sounds, and video.

## Key Knowledge I need to understand

### I need to understand that:

**That we can use digital devices to help us to take and edit photographs.**

**There are many different apps and programs to edit and improve photos, for example Photoshop, Luminar and paint.net**

**There are lots of different ways that we can edit photographs, for example cropping, rotating, flipping, and changing colours and styles.**

**We should understand that not all photographs that we see are real – they may have been edited.**

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.

## How I will show what I have learned

To explain that the composition of digital images can be changed	<ul style="list-style-type: none"> <li>- I can improve an image by rotating it</li> <li>- I can explain why I might crop an image</li> <li>- I can use photo editing software to crop an image</li> </ul>
To explain that colours can be changed in digital images	<ul style="list-style-type: none"> <li>- I can explain that different colour effects make you think and feel different things</li> <li>- I can experiment with different colour effects</li> <li>- I can explain why I chose certain colour effects</li> </ul>
To explain how cloning can be used in photo editing	<ul style="list-style-type: none"> <li>- I can add to the composition of an image by cloning</li> <li>- I can identify how a photo edit can be improved</li> <li>- I can remove parts of an image using cloning</li> </ul>
To explain that images can be combined	<ul style="list-style-type: none"> <li>- I can experiment with tools to select and copy part of an image</li> <li>- I can use a range of tools to copy between images</li> <li>- I can explain why photos might be edited</li> </ul>
To combine images for a purpose	<ul style="list-style-type: none"> <li>- I can describe the image I want to create</li> <li>- I can choose suitable images for my project</li> <li>- I can create a project that is a combination of other images</li> </ul>
To evaluate how changes can improve an image	<ul style="list-style-type: none"> <li>- I can review images against a given criteria</li> <li>- I can use feedback to guide making changes</li> <li>- I can combine text and my image to complete the project</li> </ul>

### What vocabulary I need to know

Image, edit, arrange, select, digital, crop, undo, save, image, search, save, copyright, composition, edit, save, pixels, crop, rotate, flip, adjustments, effects, colours, hue/saturation, sepia, save, version, illustrator, vignette, retouch, clone, recolour, magic wand, select, adjust, sharpen, brighten, fake, real, composite, cut, copy, paste, alter, background, foreground, publication, elements, original, font style, shapes, border, layer,

### What's next

In **Year 5 – Vector Drawing – Summer 1** learners will continue developing their understanding of Digital Media as selecting, creating, and combining a range of media including text, images, sounds, and video. In this unit learners will find out that vector images are made up of shapes. They will learn how to use the different drawing tools and how images are created in layers. They will explore the ways in which images can be grouped and duplicated to support them in creating more complex pieces of work.

# Assessment

## National Curriculum Computing links

- Use search technologies effectively
- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

## Assessment

**Formative assessment** opportunities are provided throughout each of the lesson plan documents. The learning objectives and success criteria are introduced in the slide decks at the beginning of each lesson and then reviewed at the end.

**Summative assessment** – the assessment rubric document should be used to assess student’s work. The rubric should be completed digitally and stored in individual pupil folders and then used alongside teacher judgement to complete ScholarPack. <https://teachcomputing.org/curriculum/key-stage-2/creating-media-photo-editing>

## Online Safety

### [Education for a Connected World links](#)

#### Self-image and identity

- I can describe ways in which people might make themselves look different online.

#### Teacher Subject Knowledge

Teachers will need to be familiar with the tools used throughout the unit in paint.net and know how to save a new version of an image from within the editor. You can find a guide to all tools in paint.net at [www.getpaint.net/doc/latest/index.html](http://www.getpaint.net/doc/latest/index.html).

Teachers will need the following understanding and be familiar with the following tools

- the effect that cropping can have on an image. You can find more information at [www.dpreview.com/forums/post/56318241](http://www.dpreview.com/forums/post/56318241).
- how to search for and save an image from [pixabay.com](http://pixabay.com).
- how to combine parts of two images
- how to make image adjustments and change effects in paint.net or your chosen image editor.
- The ‘clone stamp’: [www.getpaint.net/doc/latest/CloneStamp.html](http://www.getpaint.net/doc/latest/CloneStamp.html)
- The ‘recolor’ tool: [www.getpaint.net/doc/latest/RecolorTool.html](http://www.getpaint.net/doc/latest/RecolorTool.html)
  - The ‘magic wand’ tool: [www.getpaint.net/doc/latest/MagicWand.html](http://www.getpaint.net/doc/latest/MagicWand.html)
- the ‘lasso select’ tool in paint.net or your chosen image editor. For more information about this tool in paint.net, visit [www.getpaint.net/doc/latest/LassoSelectionTool.html](http://www.getpaint.net/doc/latest/LassoSelectionTool.html).

the text and shape tools in paint.net or your chosen image editor. For more information about these tools in paint.net, visit [www.getpaint.net/doc/latest/TextShapeTools.html](http://www.getpaint.net/doc/latest/TextShapeTools.html)

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