



Computing

Year 3 & 4

Cycle B Term 5

Digital Media: Photo Editing

Key Question: How can digital images be changed?

National Curriculum Objectives:

- 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
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Vocabulary

Image, edit, digital, crop, rotate, zoom, undo, save, adjustments, effects, colours, hue, saturation, sepia, vignette, retouch, clone, select, copy, paste, cut, combine, composite, alter, background, foreground, text, font

Prior Learning:

- In Year 4 term 3 (networks unit) - the children were introduced to how not all photos seen online are real.
- In Key stage 1 the children used a range of digital devices to take photographs.

End Point:

The children will apply the editing techniques they have learned through the unit to create their own book cover or poster.

Use assessment rubric

Safe and Responsible Use:

Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content

Digital Literacy Skills:

- Use a range of tools to edit, copy and paste
- Open, save (and save as) and print files
- Use 'undo'
- Use a range of software

Knowledge:

I know:

- that digital images can be manipulated
- that digital images can be changed for different purposes
- that digital images can be cloned and combined
- why photos might be edited

Skills:

I can:

- change the whole or part of a digital image:
 - change the composition of a digital image by rotating, flipping and cropping
 - adjust colours of a digital image
 - apply filters and effects to a digital image
 - select part of a digital image
 - use clone, copy, and paste to change the composition of a digital image
 - use cloning to retouch a digital image
 - add text to a digital image
- choose the most appropriate tool for a particular purpose
- consider the impact of changes made on the quality of the image

Cross Curricular Links:

Art and Design - digital art.

Oracy:

Provide sentence stems for discussions and reviewing own work.

Key Questions:

- What makes a strong online community?
- What is photo editing and how can images be edited?
- How can I change the composition of a photo (rotate and crop)?
- What effect do different colours and filters have?

- How can cloning be used to edit an image?
- How can images be combined?
- How can I use editing to create my own images?