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| **Term Pentecost 1: Photo Editing**  **Subject Computing Year 4 Medium Term Planning** | | | | | | |
| **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 | | | | | | |
|  | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 | Lesson 5 | Lesson 6 |
| **Learning intention for each lesson:** | I know how to explain that the composition of digital images can be changed | I know how to explain that colours can be changed in digital images | I know how to explain how cloning can be used in photo editing | I know how to explain that images can be combined | I know how to combine images for a purpose | I know how to evaluate how changes can improve an image |
| **Recall and retrieval** | *What are the benefits of using a data logger.* | * *How do you rotate and crop an image?* | * To explain different colour effects and their effect. | To explain and demonstrate cloning an image. | * To name different tools used when copying images. | To discuss the effect cloning could have on an image. |
| **Sequence of knowledge throughout the lesson**  **Key skills within each lesson** | **Key knowledge**  I know how to improve an image by rotating it  I know how to explain why I might crop an image  I know how to use photo editing software to crop an image  **To use photo editing software** | **Key knowledge**  I know how to explain that different colour effects make you think and feel different things  I know how to experiment with different colour effects  I know how to explain why I chose certain colour effects  **To use colour effects on an image** | **Key knowledge**  I know how to add to the composition of an image by cloning  I know how to identify how a photo edit can be improved  I know how to remove parts of an image using cloning  **To begin to use a cloning tool.** | **Key knowledge**  I know how to experiment with tools to select and copy part of an image  I know how to use a range of tools to copy between images  I know how to explain why photos might be edited  **To use a range of tools to edit and image.** | **Key knowledge**  I know how to describe the image I want to create  I know how to choose suitable images for my project  I know how to create a project that is a combination of other images  **To apply skills learnt so far this topic.** | **Key knowledge**  I know how to review images against a given criteria  I know how to use feedback to guide making changes  I know how to combine text and my image to complete the project  **Review and edit using the skills learnt this topic.** |
| **Scaffolding** | Support to access software | guided questions | To clone an image with support. | To use colour and cloning effects to edit an image | Supported to choose an image or use a given image. | Supported to combine image and text. |
| **Challenge** | To select different ways of editing an image | To experiment with graded colour effects. | To add and also remove parts of an image. | To explain the pros and cons of editing an image. | To choose a selection of images to edit in different ways. | To explain what tools and effects have been used. |
|  | **Key Vocabulary**  Image, adjustments, effects, colours, hue, saturation, sepia, vignette | **Key Vocabulary**  Image, adjustments, effects, colours, hue, saturation, sepia, vignette | **Key Vocabulary**  Image, edit, retouch, clone | **Key Vocabulary**  Image, edit, select, copy, paste, combine | **Key Vocabulary**  Image, made up, real, composite, cut, copy, paste, alter, background, foreground | **Key Vocabulary**  Rotate, crop, zoom, clone, select, copy, paste, undo, font |