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| Term: Advent 2: Digital Painting  Subject Computing Year 2 Medium Term Planning | | | | | | |
| **National Curriculum Objectives**  Use technology purposefully to create, organise, store, manipulate, and retrieve digital content  Recognise common uses of information technology beyond school. | | | | | | |
|  | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 | Lesson 5 | Lesson 6 |
| Learning intention for each lesson: | I know how to use a digital device to take a photograph | I know how to make choices when taking a photograph | I know how to describe what makes a good photograph | I know how to use photography knowledge to decide how photographs can be improved | I know how to use tools to change an image | I know how to recognise that photos can be changed |
| Recall and retrieval | Pre Assessment: What do you already know about taking photos using digital technology? | Name devices you can use to take a photo. | Identify portrait and landscape orientation. | What is wrong with this photo and how would you improve it? | If we added more or less light to a photo would it improve it? How? | Explain how different tools create a different effect on a photo. |
| Sequence of knowledge throughout the lesson  : | **Key knowledge**   * I know how to recognise what devices can be used to take photographs * I know how to explain how to take a photograph | **Key knowledge**   * I know how to explain the process of taking a good photograph * I to know the difference between landscape and portrait * I know how to take photos in both landscape and portrait format * I know how to explain why a photo looks better in portrait or landscape format | **Key knowledge**   * I know how to identify what is wrong with a photograph * I know how to discuss how to take a good photograph * I know how to improve a photograph by retaking it | **Key knowledge**   * I know how to explore the effect that light has on a photo * I know how to experiment with different light sources * I know and can explain why a picture may be unclear | **Key knowledge**   * I know how to recognise that images can be changed * I know how to use a tool to achieve a desired effect * I know and be able to explain their choices | **Key knowledge**   * I know how to apply a range of photography skills to capture a photo * I know how to recognise which photos have been changed * I know how to identify which photos are real and which have been changed |
| Scaffolding | Supported to use correct functions. | Labelled paper: landscape/portrait. | Have options of answers. | Supported to explain how the lighting effects changes to the photo. | Choose 2 tools to experiment with. | To explain simply if a photo is real or has been changed and why. |
| Challenge | To take a variety of photos. | To take the same photo in landscape and portrait and explain which is better. | To independently identify and correct a bad photo. | What happens if the lighting is nearer/further away from the image to be photographed. | Independently investigate the range of tools available and explain why certain ones have been used. | To identify how a photo has been altered and the effect it has had on the image. |
|  | **Key Vocabulary**  Device, camera, photograph, capture, image, digital | **Key Vocabulary**  Landscape, portrait | **Key Vocabulary**  Framing, subject, compose | **Key Vocabulary**  Light sources, flash, focus, background | **Key Vocabulary**  Editing, filter | **Key Vocabulary**  Format, framing, lighting, focus, filter |