

## Medium Term Plan: Supporting Implementation of LTP/Progression Grid

Subject: Computing – Using IT to Create Memories	KS1 – Year 2
<b>NC/PoS:</b> <ul style="list-style-type: none"><li>• Use technology purposefully to create, organise, store, manipulate, and retrieve digital content</li><li>• Recognise common uses of information technology beyond school</li><li>• 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</li></ul>	
<b>Prior Learning (what pupils already know and can do)</b> Digital devices need power to turn on, there are controls to turn devices on and off,	
<b>End Points (what pupils MUST know and remember)</b> <ul style="list-style-type: none"><li>• Show an awareness of the range of devices and tools they encounter in everyday life</li><li>• Show an awareness of a range of inputs to a computer (Interactive whiteboard, mouse, touch screen, keyboard</li><li>• To take and edit photographs using a digital device</li></ul>	
<b>Key Vocabulary</b> Information Technology (IT), safe, secure, digital, digital artefacts, spreadsheets, databases, photograph, camera, landscape, portrait, lighting, flash, autofocus, edit, airbrush, contrast, brightness, sharpness, photoshoot, memories	
<b>Recommended Resources:</b> <a href="https://tinyurl.com/ks1-usingITto creatememories-1">https://tinyurl.com/ks1-usingITto creatememories-1</a> <a href="https://tinyurl.com/ks1-usingITto creatememories-2">https://tinyurl.com/ks1-usingITto creatememories-2</a>	
<b>Session 1: What is Information Technology (IT)?</b>  Understand what is meant by Information Technology (IT). Identify devices that are computers and consider how IT can help them both in and out of school. How do we use different forms of information technology safely, in a range of different environments? How rules can help keep them safe when using IT?  Vocabulary: Information Technology (IT), safe, secure, digital,	
<b>Session 2: How do we use IT?</b>  How do we use IT in schools? How is IT used at home? How is IT used in shops? Why is this different? What are the benefits of using IT? Could any of these examples be used to benefit us in school?  Vocabulary: Information Technology (IT), digital artefacts, spreadsheets, databases,	
<b>Session 3: How do we take photographs?</b>  What devices can we use to take photographs? How do we take photographs? What is the difference between landscape and portrait? What makes a good photograph? What effect does lighting have on photographs? Why might use a camera's flash? What is the purpose of autofocus?  Vocabulary: photograph, camera, landscape, portrait, lighting, flash, autofocus, edit	
<b>Session 4: How can we edit photographs?</b>  How can images be changed: contrast/brightness/filters? Why might people edit photographs: air brushing/effects? What impact would this have on someone looking at the image?	

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Vocabulary: edit, autofocus, airbrush, contrast, lighting, brightness, sharpness

Session 5: Why do we have photographs?

Why might we have photographs in our homes? How can photographs be used to save memories? How good are your photography skills? Can you improve your photograph using editing tools? What story would your photograph tell?

Vocabulary: photographs, camera, photoshoot, edit, memories

Future learning this content supports:

- understanding of technology and how they interact with it in school.
- knowledge of parts of a computer
- developing the basic skills needed to effectively use a computer keyboard and mouse

The content of this unit will support other units on computer systems and networks.