

NC Knowledge and Computational Skills	Pupils not securing learning	Pupils achieving depth
<p>Autumn 1 – Creating Publisher Documents/E-safety</p> <p>What is Microsoft Publisher?</p> <p>Why would I use Publisher rather than other software?</p> <p>What uses could I see for Publisher?</p> <p>NC objectives covered: 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.</p> <p>E-safety - use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</p> <p>All children are able to: Use Publisher for its intended purpose. Explain to others why Publisher would be used rather than Word or Powerpoint. Create resources to link with other learning.</p> <p>Some children will: Create more elaborate designs/include more features within their task. Produce multiple tasks. Support others with their learning.</p>		
<p>Autumn 2 – App Design/E-safety</p> <p>What is an App?</p>		

<p>How can I create an app?</p> <p>How can Powerpoint be used for app creation?</p> <p>E-safety: What does my digital self look like?</p> <p>Am I certain who can see what I post online?</p> <p>NC objectives covered: <i>Select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals.</i></p> <p>E-safety - use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</p> <p>All children are able to: Use the tools in different presentation software (PowerPoint, Keynote, Google Slides) to design an app about your school Change Slide size and background colour Use Text and Images (Include transparent images) on different pages Include Icons Explain Interactions using hyperlinks</p> <p>Some children will: Develop the complexity of their app to include more features than those simply required. Support others in their app design.</p>		
<p>Spring 1 – App Design/E-safety (further coverage from iLearn2 from last term)</p> <p>What is an App? How can I create an app?</p>		

<p>How can Powerpoint be used for app creation?</p> <p>E-safety: What does my digital self look like?</p> <p>Am I certain who can see what I post online?</p> <p>NC objectives covered: <i>Select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals.</i></p> <p>E-safety - use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</p> <p>All children are able to: Use the tools in different presentation software (PowerPoint, Keynote, Google Slides) to design an app about your school Change Slide size and background colour Use Text and Images (Include transparent images) on different pages Include Icons Explain Interactions using hyperlinks</p> <p>Some children will: Develop the complexity of their app to include more features than those simply required. Support others in their app design.</p>		
<p>Spring 2 – Text Programming/ E-safety</p> <p>What is text based programming?</p> <p>How is this programming different from Scratch?</p>		

<p>NC objectives covered: <i>Use sequence, selection, and repetition in programs; work with variables.</i></p> <p>E-safety - use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</p> <p>All children are able to: Change the variables of text-based commands. Write text-based commands accurately. Write text-based commands to program digital art. Write text commands/functions to program keyboard inputs in a game.</p> <p>Some children will: Support others if more confident. Attempt further challenges within the unit topics.</p>		
<p>Summer 1 =- Ebook creation/E-safety</p> <p>What is an e-book?</p> <p>What are the similarities and differences with a real book?</p> <p>How can I use an e-book? Why do we need them?</p> <p>What software can I use to make an ebook?</p> <p>NC objectives covered: <i>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.</i></p> <p>E-safety - use technology safely, respectfully and responsibly; recognise acceptable/unacceptable</p>		

<p>behaviour; identify a range of ways to report concerns about content and contact.</p> <p>All children are able to: Add page colour and style Add and position images from camera/web Add audio, including hiding it behind an object. Add hyperlinks to text and images Add and format shapes Use hyperlinks for navigation Add audio to pages Add, position and format text on different pages</p> <p>Some children will: Make their design more elaborate and use more information Support other learners when they've got a good understanding of the concept. Work as part of a team to achieve this task.</p>		
<p>Summer 2 – E-book creation (continued from previous term)/E-safety</p> <p>What is an e-book?</p> <p>What are the similarities and differences with a real book?</p> <p>How can I use an e-book? Why do we need them?</p> <p>What software do I use to create an e-book?</p> <p>NC objectives covered: <i>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.</i></p>		

E-safety - use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

All children are able to:

Add page colour and style

Add and position images from camera/web

Add audio, including hiding it behind an object.

Add hyperlinks to text and images

Add and format shapes

Use hyperlinks for navigation

Add audio to pages

Add, position and format text on different pages

Some children will:

Make their design more elaborate and use more information

Support other learners when they've got a good understanding of the concept.

Work as part of a team to achieve this task.