

**Computing**  
**Year 3 and 4**  
**Autumn**

<b>Topic</b> Multimedia	
<b>Rationale</b> In an ever changing technological world there is a need for all to keep up to date with both media software and hardware. Giving our children access to and the discrete teaching of multimedia skills will enable them to create, adapt and present work to a high standard whilst also allowing for flexibility and creativity.	
<b>NC Objective</b> To use technology purposefully to create, organise, store, manipulate and retrieve digital content. To use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.	
<b>Links to other Subject/Topics (Year A)</b>	<b>Links to other Subject/Topics (Year B)</b> <b>Science</b> – All Living things and their Habitats and Animals Including Humans. <b>Geography</b> – Europe <b>English</b> – Roman Army profiles <b>History</b> – Romans <b>DT</b> – Product research and mapping
Note that E Safety, although it is taught as a topic in computing it will be referred to throughout each lesson where computing is used.	
<b>Inspiration for Aspiration</b> Digital Marketing, Content Creator, Digital Artist, Animator, Teacher.	
<b>Key Content Year 3</b> <b>Text</b> <ul style="list-style-type: none"> <li>• How to get quicker at typing with both hands?</li> <li>• Which font sizes, styles and colours are most effective?</li> <li>• How can I align my text left, right and centre?</li> </ul> <b>Graphics</b> <ul style="list-style-type: none"> <li>• How can I save, store or combine images from cameras or the internet?</li> <li>• How can I use the print screen function?</li> <li>• How can I select certain areas of an image and resize, rotate and invert the image?</li> <li>• What picture editing tools can I use to change a picture?</li> </ul> <b>Animation (I Can animate / 2animate)</b> <ul style="list-style-type: none"> <li>• What will happen in my animation?</li> <li>• What images will I need to sequence my animation?</li> <li>• How can I move items within my animation to create movement?</li> <li>• Which techniques can I use to edit or improve my animation?</li> </ul> <b>Video</b> <ul style="list-style-type: none"> <li>• How can I capture effective videos?</li> <li>• Which clips should be included in my video?</li> </ul>	<b>Key Content Year 4</b> <b>Text</b> <ul style="list-style-type: none"> <li>• How to get quicker at typing with both hands?</li> <li>• Which font sizes, styles and colours are most effective?</li> <li>• How can I align my text left, right and centre?</li> </ul> <b>2Create a story</b> <ul style="list-style-type: none"> <li>• How can I create a book aimed at a target audience?</li> <li>• How can I combine images, text and sound?</li> <li>• What information should be added about the author and publisher?</li> </ul> <b>Presentation (Powerpoint)</b> <ul style="list-style-type: none"> <li>• What choices can I make to make and improve my title slide?</li> <li>• How can I change the layout of a slide?</li> <li>• How can I insert a picture/text/graph from the Internet or personal files?</li> <li>• What are effective transitions and how should they be used?</li> </ul> <b>Graphics</b> <ul style="list-style-type: none"> <li>• How can I save, store or combine images from cameras or the internet?</li> <li>• How can I use the print screen function?</li> <li>• How can I select certain areas of an image and resize, rotate and invert the image?</li> </ul>

	<ul style="list-style-type: none"> <li>• What picture editing tools can I use to change a picture?</li> </ul> <p><b>Video</b></p> <ul style="list-style-type: none"> <li>• How can I capture effective videos?</li> <li>• Which clips should be included in my video?</li> <li>• Trim and arrange clips to convey meaning.</li> <li>• Add titles, credits, slide transitions, special effects.</li> </ul>
--	---

**Concepts**

Multimedia	1	2	3	4	5	6
Graphics						
Text						
Sound						
Video						
2 Create						
Animation						
Presentation						

**Skills and Knowledge Year 2**

- Pupils learn to use basic word processing package and to write and illustrate a short story
- Pupils learn to make simple presentations
- Pupils learn to create a simple digital painting
- Pupils learn to make a simple animation for instance in Puppet Pals
- Pupils learn to use digital cameras and microphones for a purpose

**Skills and Knowledge Year 3**

- 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

**Skills and Knowledge Year 4**

- 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

**Year 2**  
Save, retrieve, print, record, software, change, edit, capture, arrange, clips, title, credits.

**Year 3**  
Font, align, acquire, store, combine, camera, internet, print screen, select, resize, rotate, invert, edit, playback, purpose, choose, discard.

**Year 4**  
Target audience, publishing, create, book, combine, author, title, slide, layout, insert, graph, internet, transition, trim, arrange, credits, special effects.

**By the end of the topic Year 3 children will:**  
Be able to effectively type with both hands deciding which font sizes, styles and colours are the most effective with choice of alignment. Children will also be able to save, store or combine images from the camera, internet or use of the print screen function. Children will be able to resize, rotate and invert images and decide which tools are best to edit the picture. They should be able to decide which images will be needed to create an animation and create movement within these frames whilst being able to edit or improve their work. Children will be able to capture effective videos and choose which clips should be included.

**By the end of the topic Year 4 children will: -**  
Be able to use multimedia in order to create e-book, brochure or a poster. Children should also be able to adapt this to create animations using saved multimedia. Children should be able to record video and sound to create a short sequence to go with their animations or posters. Children will be able to confidently speak about their presentations including how they produced it.

**Assessment**

Create topic based poster using current topic in history or geography.  
Teacher based judgement

**Example**

Children to create short video or animation on the Romans. They could produce an animation on the Romans invasion of Britain or a short video on whether or not the Romans invading Britain was a good or bad thing for Britain.