

**Computing**  
**Year 1 and 2**  
**Autumn 1**

<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. Multimedia is the cornerstone of most of the products we make using ICT. The children need to be able to present information in a variety of ways including using text, graphics, video and sound.	
<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> – A Walk on the Wild Side (Continents and Maps). <b>English</b> – Character profiles. <b>History</b> – David Attenborough and Great Fire of London.
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 1</b> <b>Graphics</b> <ul style="list-style-type: none"> <li>How can I use ICT to generate ideas for work?</li> <li>How can I use different tools such as brushes, pens, rubber, stamps and shape to improve and edit work?</li> </ul> <b>Text</b> <ul style="list-style-type: none"> <li>What are the keys on a keyboard used for?</li> <li>How can I record different sounds away from a computer?</li> </ul> <b>Video</b> <ul style="list-style-type: none"> <li>How can I capture a video?</li> <li>What does an effect video look like?</li> </ul>	<b>Key Content Year 2</b> <b>Graphics</b> <ul style="list-style-type: none"> <li>How can I use ICT to generate ideas for work?</li> <li>How can I use different tools such as brushes, pens, rubber, stamps and shape to improve and edit work?</li> <li>How do I save or print my work?</li> </ul> <b>Text</b> <ul style="list-style-type: none"> <li>What are the keys on a keyboard used for?</li> <li>How can I effectively type on a keyboard?</li> <li>How can I use word processors to present work?</li> </ul> <b>Sound Recording</b> <ul style="list-style-type: none"> <li>How can I record different sounds away from a computer?</li> <li>How can I effectively use/edit sounds for desired purpose?</li> <li>How can I store my sounds?</li> </ul> <b>Video</b> <ul style="list-style-type: none"> <li>How can I capture a video?</li> <li>What does an effect video look like?</li> <li>How can I arrange my clips into a sequence to create a short movie?</li> <li>How can I add credits to my movie or video?</li> </ul>

**Concepts**

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

**Skills and Knowledge EYFS**

- Pupils learn to move and resize images with my fingers.
- Pupils learn to take a photograph.
- Pupils learn to take a photograph and use it in an app.
- Pupils learn to use a painting app and explore the paint and brush tools.

**Skills and Knowledge Year 1**

- 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 use digital cameras and microphones for a purpose

**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

**EYFS Vocabulary**

**Year 1 Vocabulary**

Spacebar, Backspace, Delete, Arrow keys, Return, Record, Sound, Capture, Keep, Delete

**Year 2 Vocabulary**

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

**By the end of the topic Year 1 children will: -**  
 Be able to use technology to generate ideas for work as well as use different tools such as brushes, pens, rubbers etc. to improve and edit work. Children will also be able to demonstrate what the function of keys on a keyboard are for. They should also understand how to record different sounds away from a computer. The children should be able to capture an effective video.

**By the end of the topic Year 2 children will: -**  
 Be able to use technology to generate ideas for work as well as use different tools such as brushes, pens, rubbers etc. to improve and edit work. They should also be able to save, print and retrieve their own work. Children will also be able to demonstrate what the function of keys on a keyboard are for, whilst being able to show effective use of a keyboard on word processors. They should also understand how to record different sounds away from a computer whilst being able to edit and store them. The children should be able to capture an effective video and arrange them into a short sequence with credits.

**Assessment**

Ongoing teacher assessment throughout the unit  
 End of unit product

**Example**

Posters using text and graphics to give information about a topic.

A scientific video showing off different habitats with a voice over from the children explaining which animals may be found here. This will allow children to demonstrate their ability to create an effective video as well as adding in a voice over sound to accompany the video. Children will then save their work by renaming their product.