

<p><b>Question:</b> Why is IT important to our everyday lives? Information technology around us.</p>		
<p><b>National Curriculum Link:</b></p> <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>		
<p><b>International Baccalaureate Learner Profile Link:</b>  <b>Risk takers.</b>                  Sticking with the task in hand and remaining focused.                  Taking responsible risks with new challenges.  <b>Thinkers</b>                  How can I stretch myself by thinking deeply about new information?                  How might thinking about thinking help me as a learner?  <b>Inquirers</b>                  Having a questioning attitude and develop questioning strategies.                  Gather data through all sense.                  To create, imagine and innovate my ideas.</p>		
<p><b>Prior Skills: Year 1</b></p> <p>To choose a piece of technology to do a job.                  To recognise that some technology can be used in different ways.                  To identify the main parts of a computer.                  To use a mouse in different ways.                  To use a keyboard to type.                  To use the keyboard to edit text.                  To show how to use technology safely.</p>	<p><b>New Skills: Year 2</b></p> <p>To describe some uses of computers.                  To identify information technology in school.                  To identify information technology beyond school.                  To show how to use information technology safely.</p>	<p><b>Future Skills: Year 3</b></p> <p>To identify input and output devices.                  To explain that a computer system accepts an input and processes it to produce an output.                  To explain how a computer network can be used to share information.                  To explain the role of a switch, server and wireless access point in a network.                  To identify network devices around me.                  To explain how networks can be connected to other networks.</p>

<p><b><u>Knowledge, Skills and Understanding</u></b>                  CS: Computing systems      AL: Algorithms.                  To learn about saving work in a special place and retrieve it again.                  To use technology to collect, sort and display information that could include data, photos, video or sound.                  To learn how to access and search the web.                  To identify people they can trust and who they can ask for help when using the internet.</p>
<p><b><u>Challenge</u></b></p>

<p><b>Resources:</b>                  Hardware: iPads, Computers (scratch may look different on both).</p>	<p><b>Websites or Apps:</b>  <a href="https://scratch.mit.edu">https://scratch.mit.edu</a> This will allow children to create their programs.                   Book Creator, Scratch 3.0                  Free.</p>
	<p><b>Extended Writing Opportunities:</b>                  Children will be creating their own story that they can then write down to share.</p>
<p><b>Vocabulary:</b>                  Repeat, Backdrop, Program, Loops, Code, Sequence, Debug</p>	<p><b>Numeracy skills:</b>                  The children will have to be able to link their page numbers and will link them to the next part of the story.                  They have to match their pictures and text.</p>
<p><b>Suggested Quality Texts:</b>                  To choose a book in which they are going to create their story on. Links to Year 2 authors.</p>	<p><b>WOW Experience:</b>                  A storyteller could come into school and deliver a story in which children could base their story off as an introduction of the topic.</p>
<p><b>Cross Curricular Links:</b>                  All subjects: Links to information texts to create their book on.</p>	