



# SS John Fisher & Thomas More Catholic Primary School

A Voluntary Academy

"Journeying together with Jesus Christ, we learn to love and love to learn."



## Medium Term Planning Creative Learning Journey

Subject: History	Topic: Technology (Digital revolution)	Differentiation
<p><b>NC Links:</b> History skills:</p> <ul style="list-style-type: none"><li>• changes within living memory. Where appropriate, these should be used to reveal aspects of change in national</li><li>• the lives of significant individuals in the past who have contributed to national and international achievements. Some should be used to compare aspects of life in different</li><li>• significant historical events, people and places in their own locality</li></ul> <p><b>History Skills:</b></p> <ul style="list-style-type: none"><li>• <b>Place</b> artefacts in <b>chronological order</b> on a timeline.</li><li>• <b>Ask questions</b> about Alan Turing and his invention.</li><li>• <b>Explain</b> how devices have changed over time.</li><li>• <b>Use</b> the correct vocabulary to explain the word 'technology.'</li></ul>		
Knowledge and Skills Objectives	Activity	Differentiation
<p><b>Lesson 1:</b> I can say what technology is and what we use it for.</p>	<p>What is technology? TTYP, share ideas and make some notes. Watch: <a href="https://www.youtube.com/watch?v=Giiz81_uzK8">https://www.youtube.com/watch?v=Giiz81_uzK8</a> 'Technology is <b>the use of knowledge to invent new devices or tools</b>. Throughout history, technology has made people's lives easier. Can you name any types of technology? Mind map some of their ideas. TTYP – Why do we need machines and equipment? Talk about how they make things happen e.g. lifting, digging, building things.</p> <p>Tell children they are going to look at some images and sort into technology – not technology. Discuss things they saw, how does it help us? Use images to discuss what they are, why we need them and how it helps us. E.g. A digital clock is used to tell the time, it's accurate and an alarm can be set so we are not</p>	<p><b>LA/SEND:</b> sort the images into technology/not technology. Can they pick one piece of technology and explain what it is, why we need them and how it helps us. Teacher to scribe their ideas.</p> <p><b>MA:</b> Choose 2-3 items of technology label it and explain why we need it. E.g. A phone is used to ring someone.</p> <p><b>HA:</b> Choose up to 4 items of technology, label it and explain why we need it and how</p>



# SS John Fisher & Thomas More Catholic Primary School

**A Voluntary Academy**

"Journeying together with Jesus Christ, we learn to love and love to learn."



## Medium Term Planning Creative Learning Journey

	<p>late for work.</p> <p>So, why do we need technology? Let them share some ideas – it is used to enhance our lives, make our lives easier and more efficient. What would life be like without a phone? What would we do?</p>	<p>it helps. E.g. A phone is used to ring someone. It makes it quicker to talk to someone.</p>
<p><b>Lesson 2:</b> I can order computers in chronological order</p>	<p>Resources: Laptop, chrome books, iPad, mobile phones (images), The Manchester Baby (image), keyboard, calculator, Apple watch</p> <p>Have the images or objects on each of the tables, send groups to the tables to explore the key questions – What is it? What is it used for? What can it do? Children to explore all the sources of information.</p> <p>Return to the carpet. Introduce a timeline – what is it? Why do we use a timeline? (to sequence events in order from earliest to now). Use the resources or images and make a whole class timeline – compare and contrast the items. Discuss what has changed.</p>	<p>Complete a timeline for Technology in books.</p> <p>LA – Sequence the pictures on a timeline in chronological order</p> <p>MA - Sequence the pictures on a timeline in chronological order – use the timeline to sequence the dates</p> <p>HA - Sequence the pictures on a timeline in chronological order – use the timeline to sequence the dates. Write a brief description for each object e.g. 1948 The first computer 'The Manchester Baby' was created.</p>
<p><b>Lesson 3:</b> I can find out about the first computer that was made</p>	<p>What do you think the first computer looks like? TTYP</p> <p>Remind the children that technology has changed rapidly over the years. Cameras, phones computers etc. look very different.</p> <p><a href="https://www.youtube.com/watch?v=DENG7Q7VRgo">https://www.youtube.com/watch?v=DENG7Q7VRgo</a> (play video from 1.07 and show a</p>	<p>All children to have picture of Baby in their books.</p> <p>LA – Write key words/dates that they can remember about Baby.</p>



# SS John Fisher & Thomas More Catholic Primary School

A Voluntary Academy

"Journeying together with Jesus Christ, we learn to love and love to learn."



## Medium Term Planning Creative Learning Journey

	<p>few examples of improvements)</p> <p>Show picture of 'Baby' What can you see in the picture? What do you think it is? What do you think it does? Who do you think made it? TTYP</p> <p>Explain to chn that it is the very first computer created by Alan Turing. It is called Baby and it weighs more than a tonne and fills an entire room. It is only able to solve maths calculations (it is like a giant slow calculator).</p> <p>Show images of computer today and baby. What are the differences between our computers today and Baby? TTYP</p> <p>Give children true or false statements in partners and ask them to sort them into which or true and which are false. (Take pictures of chn doing this for books)</p>	<p>MA – Write some simple sentences about Baby.</p> <p>HA- Use the information and questions to write facts about Baby.</p> <p>Extension task</p> <p>Children write questions to ask about the first computer e.g. When was it made? What did it look like?</p>
<p><b>Lesson 4:</b> I can compare technology from the past and now.</p>	<p><b><u>ZOO OLOGY in for today's lesson – next time in Cycle A go to the MOSI museum in Manchester.</u></b></p>	
<p><b>Lesson 5:</b> I can find out about Alan Turing</p>	<p>Today we are going to be learning about the person who made the first computer. TTYP Can you remember his name? Show picture of Alan Turing. Show children 'Artefact box'. Today you are historians and you are going to look at some clues that will help us learn about Alan Turing's life. Pull pictures/artefacts out of a box. (Picture of Baby)</p>	<p>Children to complete 'Fact File' about the life of Alan Turing.</p>



# SS John Fisher & Thomas More Catholic Primary School

A Voluntary Academy

"Journeying together with Jesus Christ, we learn to love and love to learn."



## Medium Term Planning Creative Learning Journey

	<p>What is this? What can you remember about Baby? (Code-breaking machine – ‘Bombe’ and picture of a code) What do you think this is? What do you think it does? (Army helmet) Why do you think there is an Army helmet? (Picture of 50 pound note) What is it? What do you notice on it? Why have they made a note with Turing’s face on it?</p> <p><a href="https://www.youtube.com/watch?v=8ng7lWeRFD4">https://www.youtube.com/watch?v=8ng7lWeRFD4</a> – Play Video up to 1.19</p> <p>Explain that Turing was born in 1912 and was a mathematician from Wilmslow (near Manchester). He created the first computer in 1948. During WW2 Turing worked at the Government Code School (Bletchley Park) ‘Bombe’. They used it to learn the German army’s secrets. In 1958 Alan Turing died from Poisoning. In 2019, a 50-pound note was made in his honour! There is also a statue in Manchester.</p>	<p>LA/MA – Children to use the pictures to answer two questions about Alan Turing.</p> <p>HA – Children to use the pictures to answer three questions about Alan Turing.</p>
<p>Lesson 6: I can write an information text about technology.</p>	<p>Today we are going to write an explanation text all about technology then and now. It will be a non-fiction text containing lots of facts.</p> <p>Recap learning TTYP -</p> <p>What is technology? Can you think of any examples of technology? Why do we need machines and equipment?</p> <p>How has technology changed?</p> <p>Who created the first computer? What do you know about the first Computer?</p> <p>Who is Alan Turing? What important things did he do?</p>	<p>LA/MA – Chn answer the three questions. How has technology changed? – Give examples of technology and how they have changed e.g. Phones are technology. Phones now are smaller and they can do more things like take pictures. Who created the first computer? Alan Turing made the first computer. It was called Baby. It was made in Manchester and it was as heavy as rhino and filled a whole room!</p> <p>Who is Alan Turing? He made the first computer and a machine that could crack codes in the war.</p>



# SS John Fisher & Thomas More Catholic Primary School

A Voluntary Academy

"Journeying together with Jesus Christ, we learn to love and love to learn."



## Medium Term Planning Creative Learning Journey

		HA – Include introduction and children to write their own subheadings
<b>Applied Write opportunities:</b> Children to apply knowledge learnt including sources and historical knowledge to write an information text about Technology and the past.		
<b>Key Vocabulary:</b> Tier 2 – technology, old, new Tier 3 – digital, communication, home appliances, machines		