

Curriculum Objectives	Vocabulary				Links Across the Curriculum
<ul style="list-style-type: none"> Pupils should know where people and events they study fit within a chronological framework. Pupils should ask and answer questions by choosing stories and other sources to show that they know and understand key features of events. Pupils should be taught about the lives of significant individuals in the past who have contributed to national and international achievements. 	technology	Solves a practical problem that	Macintosh	The original Apple personal computer.	History—significant individuals. British Values—tolerance of others Science—technology, the future, inventing things. PSHE—adoption
	Electronics	Devices, equipment or systems that use electricity in order to work.	Animation	A method where still figures are manipulated to appear as moving images.	
	Apple	A multinational technological company.			

Lessons Sequence	Key Knowledge	Disciplinary Knowledge / Skills
1. Who was Steve Jobs?	Children to understand that there are significant individuals that have contributed within the world of technology and Computing. Children to learn about Steve Jobs—who he was, what he did and where he was from. Children to engage in the Little People Big Dreams book which discusses Steve's life.	Develop knowledge of a significant individual within the world of Computing.
2. What were the main events in Steve Jobs' life?	Children to learn more about the life of a significant individual. Children to use their understanding of chronology to order the events of the person's life to develop understanding on how these life events caused them to create an impact on other's lives and on technology. Children to find out factual information about Steve and write these facts into notes in preparation for the next lesson.	Develop knowledge of a significant individual's life events within the world of Computing.
3. How did Steve Jobs change the future of Computing?	Children to engage with and learn from a range of sources in order to gather an awareness of Steve's life. Children to use all of the facts and knowledge that they now have about Steve to create their own information poster and inform others about his life.	Develop knowledge of a significant individual's impact on Computing and technology within the world.

Themes		Diversity in the Curriculum
Significant Individuals	Develop an understanding of how people have contributed to developments within the country and the world.	Steve Jobs—adoption

Outcome	Character Traits	Stickability	WOW
Children to create an information poster about Steve Jobs.	Curiosity Ambitious	Digital Leaders Google Form Assessment	

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<ul style="list-style-type: none"> Pupils should know where people and events they study fit with in a chronological framework. Pupils should ask and answer questions by choosing stories and other sources to show that they know and understand key features of events. Pupils should be taught about the lives of significant individuals in the past who have contributed to national and international achievements. 	technology	Solves a practical problem that comes out of research in Science.	Mathematician	A person who works in mathematics.	History—significant individuals. British Values—tolerance of others Science—technology, the future, inventing things.
	calculator	A machine used in calculating or computing numbers.	Algorithm	A clear set of instructions for solving a problem.	
	programmer	A person who writes programs for a computer.	Analytical engine	a mechanical general-purpose computer designed by English mathematician and computer pioneer Charles Babbage	

Lessons Sequence	Key Knowledge	Disciplinary Knowledge / Skills
1. Who was Ada Lovelace?	Children to understand that there are significant individuals that have contributed within the world of technology and Computing. Children to learn about Ada Lovelace—who he was, what he did and where he was from. Children to engage in the Little People Big Dreams book which discusses Ada's life.	Develop knowledge of a significant individual within the world of Computing.
2. What were the main events in Ada Lovelace's life?	Children to learn more about the life of a significant individual. Children to use their understanding of chronology to order the events of the person's life to develop understanding on how these life events caused them to create an impact on other's lives and on technology. Children to find out factual information about Ada and write these facts into notes in preparation for the next lesson.	Develop knowledge of a significant individual's life events within the world of Computing.
3. How did Ada Lovelace change the future of Computing?	Children to engage with and learn from a range of sources in order to gather an awareness of Ada's life. Children to use all of the facts and knowledge that they now have about Ada to create their own information poster and inform others about his life.	Develop knowledge of a significant individual's impact on Computing and technology within the world.

Themes		Diversity in the Curriculum
Significant Individuals	Develop an understanding of how people have contributed to developments within the country and the world.	Females working in technology and Computing.

Outcome	Character Traits	Stickability	WOW
Children to create a fact file about Ada Lovelace.	Curiosity Ambitious	Digital Leaders Google Form Assessment	

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	Microsoft	A multinational technology corporation.	Copyright	The legal right to make copies of or distribute	
	Entrepreneur	Someone who is in charge of one or several businesses.			

Lessons Sequence	Key Knowledge	Disciplinary Knowledge / Skills
1. Who was Bill Gates?	Children to understand that there are significant individuals that have contributed within the world of technology and Computing. Children to learn about Bill Gates—who he was, what he did and where he was from. Children to engage in the Little People Big Dreams book which discusses Bill's life.	Develop knowledge of a significant individual within the world of Computing.
2. What were the main events in Bill Gates' life?	Children to learn more about the life of a significant individual. Children to use their understanding of chronology to order the events of the person's life to develop understanding on how these life events caused them to create an impact on other's lives and on technology. Children to find out factual information about Bill and write these facts into notes in preparation for the next lesson.	Develop knowledge of a significant individual's life events within the world of Computing.
3. How did Bill Gates change the future of Computing?	Children to engage with and learn from a range of sources in order to gather an awareness of Bill's life. Children to use all of the facts and knowledge that they now have about Bill to create their own information poster and inform others about his life.	Develop knowledge of a significant individual's impact on Computing and technology within the world.

Themes		Diversity in the Curriculum
Significant Individuals	Develop an understanding of how people have contributed to developments within the country and the world.	

Outcome	Character Traits	Stickability	WOW
Children to create a document about Bill Gates which includes factual information.	Curiosity Ambitious	Digital Leaders Google Form Assessment	

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	Social media	Interactive technologies that facilitate	Network	A system that involves a number of people or groups.	

Lessons Sequence	Key Knowledge	Disciplinary Knowledge / Skills
1. Who was Mark Zuckerberg?	Children to understand that there are significant individuals that have contributed within the world of technology and Computing. Children to learn about Mark Zuckerberg—who he was, what he did and where he was from. Children to engage in the Little People Big Dreams book which discusses Mark Zuckerberg's life.	Develop knowledge of a significant individual within the world of Computing.
2. What were the main events in Mark Zuckerberg's life?	Children to learn more about the life of a significant individual. Children to use their understanding of chronology to order the events of the person's life to develop understanding on how these life events caused them to create an impact on other's lives and on technology. Children to find out factual information about Mark and write these facts into notes in preparation for the next lesson.	Develop knowledge of a significant individual's life events within the world of Computing.
3. How did Mark Zuckerberg change the future of Computing?	Children to engage with and learn from a range of sources in order to gather an awareness of Mark's life. Children to use all of the facts and knowledge that they now have about Mark to create their own information poster and inform others about his life.	Develop knowledge of a significant individual's impact on Computing and technology within the world.

Themes		Diversity in the Curriculum
Significant Individuals	Develop an understanding of how people have contributed to developments within the country and the world.	Mark's family are Jewish and originate from Austria, Germany and Poland. His grandparents were emigrants to the USA.

Outcome	Character Traits	Stickability	WOW
Children to create a slide about Mark Zuckerberg's life and his impact on technology using Google Slides.	Curiosity Ambitious	Digital Leaders Google Form Assessment	

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	Computer Scientist	A person who works in technology and with computers.	Debugging	To find and remove mistakes or flaws from an algorithm.	
	Inventor	Somebody who invents things.	Programmer	A person who writes programmes for a computer.	

Lessons Sequence	Key Knowledge	Disciplinary Knowledge / Skills
1. Who was Grace Hopper?	Children to understand that there are significant individuals that have contributed within the world of technology and Computing. Children to learn about Grace Hopper—who he was, what he did and where he was from. Children to engage in the Little People Big Dreams book which discusses Grace Hopper's life.	Develop knowledge of a significant individual within the world of Computing.
2. What were the main events in Grace Hopper's life?	Children to learn more about the life of a significant individual. Children to use their understanding of chronology to order the events of the person's life to develop understanding on how these life events caused them to create an impact on other's lives and on technology. Children to find out factual information about Grace Hopper and write these facts into notes in preparation for the next lesson.	Develop knowledge of a significant individual's life events within the world of Computing.
3. How did Grace Hopper change the future of Computing?	Children to engage with and learn from a range of sources in order to gather an awareness of Grace's life. Children to use all of the facts and knowledge that they now have about Grace to create their own information poster and inform others about his life.	Develop knowledge of a significant individual's impact on Computing and technology within the world.

Themes		Diversity in the Curriculum
Significant Individuals	Develop an understanding of how people have contributed to developments within the country and the world.	Females working in technology and Computing.

Outcome	Character Traits	Stickability	WOW
Children to create a presentation about Grace Hopper's life.	Curiosity Ambitious	Digital Leaders Google Form Assessment	

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	Code	A set of symbols or signals used in place of numbers for sending messages.	Machine	A device with a system of parts that work together to perform a task.	
	Enigma	A device that was developed and used during the war to decipher military			

Lessons Sequence	Key Knowledge	Disciplinary Knowledge / Skills
1. Who was Alan Turing?	Children to understand that there are significant individuals that have contributed within the world of technology and Computing. Children to learn about Alan Turing—who he was, what he did and where he was from. Children to engage in the Little People Big Dreams book which discusses Alan Turing's life.	Develop knowledge of a significant individual within the world of Computing.
2. What were the main events in Alan Turing's life?	Children to learn more about the life of a significant individual. Children to use their understanding of chronology to order the events of the person's life to develop understanding on how these life events caused them to create an impact on other's lives and on technology. Children to find out factual information about Alan Turing and write these facts into notes in preparation for the next lesson.	Develop knowledge of a significant individual's life events within the world of Computing.
3. How did Alan Turing change the future of Computing?	Children to engage with and learn from a range of sources in order to gather an awareness of Alan's life. Children to use all of the facts and knowledge that they now have about Alan to create their own information poster and inform others about his life.	Develop knowledge of a significant individual's impact on Computing and technology within the world.

Themes		Diversity in the Curriculum
Significant Individuals	Develop an understanding of how people have contributed to developments within the country and the world.	Alan Turing— Gay relationship

Outcome	Character Traits	Stickability	WOW
Children to create a Google Site on Alan Turing's life. Children could create an infographic on Canva of his life.	Curiosity Respectful Kind Ambitious	Digital Leaders Google Form Assessment	