NAWTON AND ROSEDALE ABBEY FEDERATION

Curriculum Statement for Computing

Rationale:

A high-quality computing education equips pupils to use computational thinking and creativity to understand and change the world. Computing has deep links with mathematics, science, and design and technology, and provides insights into both natural and artificial systems. The core of computing is computer science, in which pupils are taught the principles of information and computation, how digital systems work, and how to put this knowledge to use through programming. Building on this knowledge and understanding, pupils are equipped to use information technology to create programs, systems and a range of content. Computing also ensures that pupils become digitally literate – able to use, and express themselves and develop their ideas through, information and communication technology – at a level suitable for the future workplace and as active participants in a digital world.

The National Curriculum for Computing has been developed to equip young people in England with the foundational skills, knowledge and understanding of computing they will need for the rest of their lives. Through the new programme of study for computing, they will learn how computers and computer systems work, they will design and build programs, develop their ideas using technology and create a range of content. Curriculum Intent:

The intent of our computing curriculum is to deliver a curriculum which is accessible to all and that will maximise the development of every child's ability and academic achievement in this subject. The subject leader has identified key intentions for our computing curriculum. These are:

Our computing curriculum prepares all children at Nawton and Rosedale Abbey Community Primary School for a digital world.

Intention 1: To ensure that children access an engaging and effective curriculum that develops pupil's knowledge and understanding of computer science, information technology and digital literacy with the National Curriculum.

Intention 2: To prepare pupils to live safely in an increasingly digital British society.

Curriculum Implementation:

Pupils in the Nawton and Rosedale Abbey Federation have a discrete Computing 45 – I hour lesson each week.

Curriculum Coverage:

| ACADEMIC |
|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| YEAR |
| 2023/2024 | 2024/2025 | 2025/2026 | 2026/2027 | 2027/2028 | 2028/2029 | 2029/20230 |
| YEAR A | YEAR B | YEAR A | YEAR B | YEAR A | YEAR B | YEAR A |

YEAR A:

	AUTUMN	SPRING	SUMMER
(Nursery)	Will seek to acquire basic skills in turning on and operating some ICT equipment. SMART RULES -I know how to be safe when using technology	Shows an interest in technological toys and real objects such as camera, phones etc SMART RULES -I know how to be safe when using technology	Can operate simple equipment (beebots, CD player) SMART RULES -I know how to be safe when using technology
	I know the SMART rules To use a digital device if an adult is around. To tell an adult if they see something on a digital device that upsets them. To know not to give out any information about themselves. To know that not everything they see on the internet is true.	I know the SMART rules To use a digital device if an adult is around. To tell an adult if they see something on a digital device that upsets them. To know not to give out any information about themselves. To know that not everything they see on the internet is true.	I know the SMART rules To use a digital device if an adult is around. To tell an adult if they see something on a digital device that upsets them. To know not to give out any information about themselves. To know that not everything they see on the internet is true.
(Receptio n)	I show an interest in technological toys. I can use the mouse to track the cursor, point and click to make marks I can operate simple equipment. I can use a mouse to click and drag objects. I can independently complete tasks on Purple Mash. I can put my completed work into my 'tray'. SMART RULES - I know how to be safe when using technology I know the SMART rules To use a digital device if an adult is around. To tell an adult if they see something on a digital device that upsets them. To know not to give out any information about themselves. To know that not everything they see on the internet is true.	I can complete a simple program on a computer. I can type their name (2 publish) I can recognise that technology is used in places such as homes and schools. I can type labels/captions. SMART RULES - I know how to be safe when using technology I know the SMART rules To use a digital device if an adult is around. To tell an adult if they see something on a digital device that upsets them. To know not to give out any information about themselves. To know that not everything they see on the internet is true.	I can log into my own Purple Mash area. I can select and use technology for particular purpose. I can select an appropriate programme. I can select and use technology for particular purpose I can save my work. SMART RULES - I know how to be safe when using technology I know the SMART rules To use a digital device if an adult is around. To tell an adult if they see something on a digital device that upsets them. To know not to give out any information about themselves. To know that not everything they see on the internet is true.

Year 1 and 2 – YEAR A

on T	oducti To PM (1) essons	Creative Computing (1) 4 lessons	Creating Pictures (2) 5 lessons	The Internet (2) 4 lessons	Coding (1) 6 lessons	Coding (2) 6 lessons	Technology Around Us (1) 4 lessons		
	Online Safety – Delivered throughout the year using 2BeSafe – Being Safe in a Digital World								

Year 3 and 4 – YEAR A

Email (3) 6 lessons	Branching Databases (3) 4 lessons	Route Planners (3) 5 lessons	Effective Searching (4) 4 lessons	Coding 3/4 – (See Coding Breakdown Table Below) 6 lessons	Spreadsheets (3) 6 lessons	Animation (4) 6 lessons			
Online Safety – Delivered throughout the year using 2BeSafe – Being Safe in a Digital World									

Coding 5/6 – (See Word Processing -Concept Graphing (6) Microsoft, Apple & Game Creator (5) Databases (5) Spreadsheets (5) Coding Breakdown Maps (5) Google (5) 5 lessons 4 lessons 4 lessons 6 lessons Table Below) 4 lessons 6 lessons 6 lessons Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World

Year 5 and 6 - YEAR A

		YI	AR 5 & 6 - CYCLE A				
Title	Coding Efficiently	Simulating a physical system	Friction and Functions	Introducing Strings	Text Variable and Concatenation	User Input	
Year and lesson number	Year 5 Lesson 1	Year 5 Lesson 2	Year 5 Lesson 5	Year 5 Lesson 5			SUMMER
(Nursery)	Will seek to acquire basic skills in turning on and operating some ICT equipment. SMART RULES -I know how to be safe when using technology I know the SMART rules To use a digital device if an adult is around. To tell an adult if they see something on a digital device that upsets them. To know not to give out any information about themselves. To know that not everything they see on the internet is true.			toys and some some some some some some some some	d real objects phones RULES -I kno when using to know the SM e a digital dev aroun an adult if the gital device the know not to rmation abou	w how to be safe echnology IART rules rice if an adult is d. ey see something nat upsets them. give out any it themselves. erything they see	Can operate simple equipment (beebots, CD player) SMART RULES -I know how to be safe when using technology I know the SMART rules To use a digital device if an adult is around. To tell an adult if they see something on a digital device that upsets them. To know not to give out any information about themselves. To know that not everything they see
(Receptio n)	the internet is true.			r, I can I can used I can used I can	comput type their na recognise tha in places sucl schoo can type labe RULES - I kno when using to know the SM e a digital dev aroun an adult if the	me (2 publish) at technology is a as homes and is. is/captions. w how to be safe echnology IART rules rice if an adult is d. ey see something nat upsets them.	area. I can select and use technology for particular purpose. I can select an appropriate programme. I can select and use technology for particular purpose

information about themselves.

To know that not everything they see

on the internet is true.

on a digital device that upsets them.

To know not to give out any

information about themselves.

To tell an adult if they see something on

a digital device that upsets them.

To know not to give out any information

To know th	about themselves. at not everything they see on he internet is true.	To know that not everything they see on the internet is true.

Year 1 and 2 - YEAR B

Introductio n To PM (1) 3 lessons	Creating & Following Instructio ns (1) 3 lessons	Route Explorers (2) 4 lessons	Data Explorers (1) 6 lessons	Questioning (2) 4 lessons	Making Beats (1) 4 lessons	Animated Stories (1) 6 lessons	Presenting Ideas (2) 4 lessons		
	Online Safety – Delivered throughout the year using 2BeSafe – Being Safe in a Digital World								

Logo (4) 4 lessons	Unpacking Hardware & Software (4) 4 lessons	Sound Stories (4) 4 lessons	Coding 3/4 – (See Coding Breakdown Table Below) 6 lessons	Composing Beats (4) 4 lessons	Touch Typing (3) 4 lessons	Presentations - Microsoft, Google & Apple (3) 5 lessons	Introduction To AI (4) 4 lessons		
	Online Safety – Delivered throughout the year using 2BeSafe – Being Safe in a Digital World								

Year 3 and 4 – YEAR B

Title	Using Repeat	Repeat Until and 'if/else' Statements	Number Variables	Design and Make an Interactive scene	Design and Make an Interactive scene	Making a Playable game
Year and lesson	Year 3	Year 4	Year 4	Year 3	Year 3	Year 4
number	Lesson 3	Lesson 4	Lesson 5	Lesson 5	Lesson 6	Lesson 6

Networks (6) 4 lessons	Quizzing (5) 5 lessons	Blogging (6) 4 lessons	Coding 5/6 – (See Coding Breakdown Table Below) 6 lessons	Introduction to Python (6) 4 lessons	Spreadsheets - Microsoft, Apple & Google (6) 6 lessons	Data Detectives (6) 4 lessons			
	Online Safety – Delivered throughout the year using 2BeSafe – Being Safe in a Digital World								

Year 5 and 6 – YEAR B

YEAR 5 & 6 - CYCLE B								
Title	Designing and	Designing and	Decomposition	Using	Flowcharts and	Text Adventure		

Implementation 1:

Pupils at Nawton and Rosedale Abbey Community Primary School Federation have:

Access to resources which aid in the acquisition of skills and knowledge.

Children have access to the hardware (computers, tablets, programmable equipment) and software that they need to develop knowledge and skills of digital systems and their applications.

Access to quality first teaching within the strands of Coding and Computational thinking, Music, Writing and Presentation, Internet and Email, Communication and networks, Art and Design, Databases and Graphing and Spreadsheets.

Computing is taught every week in every year group throughout the academic year. Teachers have access to the 'Purple Mash' lessons plans as it was identified that staff felt their knowledge and skills needed development, therefore, it was decided by the subject leader and headteacher that it would assist staff to gain a grasp on the different aspects of the computing curriculum and therefore, deliver high quality lessons. Teachers, through effective assessment, adapt provision to meet the individual needs within their class.

A learning environment that enriches, promotes and celebrates learning within computing curriculum. Computing within the curriculum is evident in classrooms and around school through working 'Twitter' walls that recap weekly learning, as well as knowledge organisers that are being used for the unit that is being covered.

Implementation 2:

Pupils at Nawton and Rosedale Abbey Community Primary School have access to resources which aid in the acquisition of skills and knowledge.

- Children have access to the hardware (computers, tablets, programmable equipment) and software that they need to develop knowledge and skills of digital
- systems and their applications.
- Access to quality first teaching within the strands of Digital Literacy, Information and Communication Technology and Computer Science.
- Computing is taught every week in every year group throughout the academic year. Teachers, through effective assessment, adapt provision to meet the individual needs within their class.
- A learning environment that enriches, promotes and celebrates learning within the strands of Digital Literacy, Information and Communication Technology and Computer Science.

Computing within the curriculum is evident in classrooms and around school through working 'Twitter' walls that recap weekly learning, as well as knowledge organisers that are being used for the unit that is being covered.

Opportunities to apply their learning across the curriculum.

Opportunities for the safe use of digital systems are considered in wider curriculum planning.

Clear parental Communication

Parents are given information about how to keep their children safe online at different points of the year. Parents are informed when issues relating to online safety arise and further information/support is provided if required.

Opportunities to explore the concept of online safety

Digital literacy and online safety will be the central focus of teaching at the beginning of every academic year. In addition, the school will celebrate Safer Internet Day in the Spring Term of the academic year.

Cross Curricular Links:

Computing provides numerous links with other curriculum subjects.

Examples include:

English- Documenting learning (writing/typing)

Science – How a computer works.

Maths- Links with coding.

History – How technology has changed.

PSHE - Online safety

Music- Music modules

Art - Art and design modules

Links Across the Curriculum- Specific to Purple Mash Units

Within the scheme, there are many opportunities to incorporate the computational skills into other subjects. Resources could be adapted or created to match your topics. Below are some suggestions.

Units that link to the Maths curriculum:

- Year 1 Data Explorers
- Year 2 Questioning
- Year 3 Branching Databases
- Year 5 Databases
- Year 6 Graphing
- Year 2, 3 and 5 Spreadsheets
- Year 6 Spreadsheets

Units that could be part of English lessons:

- Year 2 Presenting Ideas
- Year 4 Sound Stories
- Year 5 Word Processing

Units that could easily be topic linked; resources will need to be adapted to have a topic theme:

- Any of the data handling units suggested in the Maths section.
- Year 1 Animated Stories
- Year 2 Creating Pictures
- Year 2 Presenting Ideas
- Year 3 Presentations
- Year 4 Animation
- Year 4 Sound Stories
- Year 5 Quizzing
- Year 5 Game Creator
- Year 5 Word Processing
- Year 5 Concept Maps
- Year 6 Blogging

Music topics could be incorporated into music lessons with a modelling of musical skills on both instruments and using the computer:

- Year 1 Making Beats
- Year 2 Making Music
- Year 4 Composing Beats

Typing could be covered during a regular 10-minute morning session over a term rather than during dedicated computing lessons (Year 3 Touch Typing). This is facilitated by using the <u>Typing Across the Year resources</u> (found in the Computing area).

Progression and Assessment:

EYFS

UTW: Technology was removed as of September 2021. However, parts of the new curriculum are linked.

Computing

Our aim is that the children leave their Reception year having had their lessons brought to life through ICT. The new EYFS Framework acknowledges that children are now surrounded by technology in their every day life.

Our Computing teaching prepares children with the skills they will need in KS1 and develops their understanding and thinking about the safe use of the internet before accessing online material and know who to turn to for help when needed.

Regular observations and assessments of learning are recorded and contribute to a summative assessment at the end of EYFS using the Early Years Outcomes.

Year 1- Year 6- suggested to use prior and future learning for each strand?

Along with the Purple Mash team, the Computing lead has worked to create a progressive curriculum for our mixed aged classes at Nawton and Rosedale Federation. All units apart from the coding units have different contexts that build upon skills the children will have gained in other units previously taught. The units make sure that they follow a spiral curriculum where by skills are recapped and then built upon. The coding units are split each year so that the younger year coding is taught first and then an older year unit follows. This provides progression for the children in this area.

Online safety?

AI?

Each child will have an area on 'Purple Mash' where they are able to save the work that they are completing. Assessments of the children's progress through a lesson/outcomes achieved will be noted on plans and contribute to the assessment at the end of each academic year. The impact of the curriculum will be reviewed at the end of each term through observations, governor monitoring and formative and summative assessments of pupils' learning through individual trackers.



Computing Progression N.C. Statements KS1 Year 2



	Computer Science		Information Technology	Digital Literacy		
Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions.	Create and debug simple programs.	Use logical reasoning to predict the behaviour of simple programs.	Use technology purposefully to create, organise, store, manipulate and retrieve digital content.	Recognise common uses of information technology beyond school.	Use technology safely and respectfully, keepin personal information private; identify where t go for help and support when they have concern about content or contact the internet or other onlinit technologies.	
Children can explain that an algorithm is a set of instructions to complete a task. When designing simple programs, children show an awareness of the need to be precise with	Children can create a simple program that achieves a specific purpose. They can also identify and correct some errors, e.g. Debug Challenges: Chimp. Children's program designs	Children can identify the parts of a program that respond to specific events and initiate specific actions. For example, they can write a cause and effect sentence of what will	Children demonstrate an ability to organise data using, for example, a database such as 2hnestigat and retrieve specific data for conducting simple searches. Children are able to edit more.	Children can effectively retrieve relevant, purposeful digital content using a search engine. They can apply their learning of effective searching beyond the classroom. They can	Children know the implications of inappropriate online searches. Children begir understand how things are shares electronically such as	

Computing Progression N.C. Statements KS2 Year 3



		Computer Science			Information Technology		Digital Literacy	
Statement	Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.	Use sequence, selection and repetition in programs; work with variables and various forms of input and output.	Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.	Understand computer networks, including the internet; how they can provide multiple services, such as the World Wide Web, and the opportunities they offer for communication and collaboration.	Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.	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.	Use technology safely, respectfully and responsibly, recognise acceptable unacceptable behaviour; identify a range of ways to repo- concern about conten and contact.	
Outcome	Children can turn a simple real-life situation into an algorithm for a program by deconstructing it into manageable parts. Their design shows that they are thinking of the desired task and how this translates into code. Children can identify an error within their program that prevents it following the desired algorithm and then fix it.	Children demonstrate the ability to design and code a program that follows a simple sequence. They experiment with timers to achieve repetition effects in their programs. Children are beginning to understand the difference in the effect of using a timer command rather than a repeat command when creating repetition effects.	Children's designs for their programs show that they are thinking of the structure of a program in logical, achievable steps and absorbing some new knowledge of coding structures. For example, repetition and use of timers. They make good attempts to 'step through' more complex code in order to identify errors in algorithms and can correct this. e.g. In programs such as Logo, they can 'read' programs with several steps and predict the outcome accurately.	Children can list a range of ways that the Internet can be used to provide different methods of communication. They can use some of these method of communication, e.g. being able to open, respond to and attach files to emails using 2Email. They can deasorbe appropriate email conventions when communicating in this way.	Children can carry out simple searches to retrieve digital content. They understand that to do this, they are connecting to the internet and using a search engine such as Purple Mash search or internet-wide search engines.	Children can collect, analyse, evaluate and information using a selection of software, e.g. using a branching database [20ustion], using software such as 20mph Children can consider what software is most appropriate for a given task. They can create purposeful content to attach to emails, e.g. 2Respond	Children demonstrate the importance of havin a secure password his with anyone else. Furthermore, children can explain the negative implications of failure it keep passwords safe and secure. They understand the importance of staying safe and the importance of staying safe and the importance of their conduct when using familiar communication tools such as Zemalin in Purp Mash. They know mon than one way to repor unacceptable content and contact.	

Computing Progression N.C. Statements KS2 Year 4



	Computer Science				Information Technology		Digital Literacy
Statement	Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.	Use sequence, selection and repetition in programs; work with variables and various forms of input and output.	Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.	Understand computer networks, including the internet; how they can provide multiple services, such as the World Wide Web, and the opportunities they offer for communication and collaboration.	Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.	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.	Use technology safely, respectfully and responsibly; recognise acceptable/ unacceptable behaviour; identify a range of ways to report concern about content and contact.
Outcome	When turning a real-life situation into an algorithm, the children's design shows that they are thinking of the required task and how to accomplish this in code using coding structures for selection and repetition. Children make more intuitive attempts to debug their own programs.	Children's use of timers to achieve repetition effects are becoming more logical and are integrated into their program designs. They understand 'IF statements' for selection and attempt to combine these with other coding structures including variables to achieve the effects that they design in their programs. As well as understanding how variables can be used to store information while a program is executing, they are able to use and manipulste the value of variables. Children can make use of user inputs and outputs such as 'print to screen'. e.g. 2Code.	Children's designs for their programs show that they are thinking of the structure of a program in logical, achievable steps and absorbing some new knowledge of coding structures. For example, IF statements, repetition and variables. They can trace code and use step-through methods to identify errors in code and make logical attempts to correct this. In programs such as Logo, they can 'read' programs with several steps and predict the outcome accurately.	Children recognise the main component parts of hardware which allow computers to join and form a network. Their ability to understand the online safety implications associated with the ways the internet can be used to provide different methods of communication is improving.	Children understand the function, features and layout of a search engine. They can appraise selected webpages for credibility and information at a basic level.	Children are able to make improvements to digital solutions based on feedback Children make informed software choices when presenting information and data. They create linked content using a range of software such as Zoonnect and ZPublish. Children share digital content within their community, i.e. using Virtual Display.	Children can explore key concepts relating to online safety using concept mapping such as <u>2 Connect</u> They can help others to understand the importance of online safety. Children know a range of ways of reporting inappropriate content and contact.

Computing Progression N.C. Statements KS2 Year 5



	Computer Science				Information Technology		Digital Literacy	
Statement	Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.	Use sequence, selection and repetition in programs; work with variables and various forms of input and output.	Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.	Understand computer networks, including the internet; how they can provide multiple services, such as the World Wide Web, and the opportunities they offer for communication and collaboration.	Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.	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.	Use technology safely, respectfully and responsibly; recognise acceptable/ unacceptable behaviour, identify a range of ways to report concern about content and contact.	
Outcome	Children may attempt to turn more complex real- ille situations into algorithms for a program by deconstructing it into manageable parts. Children are able to test and debug their programs as they go and can use logical methods to identify the approximate cause of any bug but may need some support identifying the specific line of code.	Children can translate algorithms that include sequence, selection and repetition into code with increasing ease and their own designs show that they are thinking of how to accomplish the set task in code utilising such structures. They are combining sequence, selection and repetition with other coding structures to achieve their algorithm design.	When children code, they are beginning to think about their code structure in terms of the ability to debug and interpret the code later, e.g., the use of tabs to organise code and the naming of variables	Children understand the value of computer networks but are also aware of the main dangers. They recognise what personal information is and can explain how this can be kept safe. Children can select the most appropriate form of online communications contingent on audience and digital content. e.g. 2Blog. ZEmail, Display Boards.	Children search with greater complexity for digital content when using a search engine. They are able to explain in some detail how credible a webpage is and the information it contains.	Children are able to make appropriate improvements to digital solutions based on feedback received and can confidently comment on the success of the solution. e.g. creating their own program to meet a design brief using 2Code. They objectively review solutions from others: Children are able to collaboratively create content and solutions using digital features within software such as collaborative mode. They are able to use several ways of sharing digital content, i.e. 2Blog. Display Boards and 2Email.	Children have a secure knowledge of common online safety rules and can apply this by demonstrating the safe and respectful use of a few different technologies and online services Children implicitly relate appropriate online behaviour to their right to personal privacy and mental wellbeing of themselves and others.	

Computing Progression N.C. Statements KS2 Year 6



		Compute	r Science	Information Technology		Digital Literacy	
Statement	Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.	Use sequence, selection and repetition in programs; work with variables and various forms of input and output.	Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.	Understand computer networks, including the internet; how they can provide multiple services, such as the World Wide Web, and the opportunities they offer for communication and collaboration.	Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.	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.	Use technology safely, respectfully safe responsibly; recognise acceptable unacceptable behaviour; identify a range of ways to report concern about content and contact.
Outcome	Children are able to turn a more complex programming task into an algorithm by identifying the important aspects of the task (abstraction) and then decomposing them in a logical way using their knowledge of possible coding structures and applying skills from previous programs. Children test and debug their program as they go and use logical methods to identify the cause of bugs, demonstrating a systematic approach to try to identify a particular line of code causing a problem.	Children translate algorithms that include sequence, selection and repetition into code and their own designs show that they are thinking of how to accomplish the set task in code utilising such structures, including nesting structures within each other. Coding displays an improving understanding of variables in coding, outputs such as sound and movement, inputs from the user of the program such as button clicks and the yalve of functions.	Children are able to interpret a program in parts and can make logical attempts to put the separate parts of a complex algorithm together to explain the program as a whole	Children understand and can explain in some depth the difference between the internet and the World Wide Web. Children know what a WAN and LAN are and can describe how they access the financial in school	Children readily apply filters when searching for digital content. They are able to explain in detail how credible a webpage is and the information it contains. They compare a range of digital content sources and are able to rate them in terms of content quality and accuracy. Children use critical thinking skills in everyday use of online communication.	Children make clear connections to the audience when designing and creating digital content. The children design and create their own blogs to become a content creator on the Internet, e.g. 20g. They are able to use criteria to evaluate the quality of digital solutions and are able to identify improvements, making some refinements.	Children demonstrate the safe and respectful use of a range of different technologies and online services. They identify more discreet inappropriate behaviours through developing critical thinking, e.g. 228000000 activities. They recognise the value in preserving their privacy when online for their own and other people's safety.

Impact:

Impact 1

Children will be confident users of technology, able to use it to accomplish a wide variety of goals, both at home and in school. Children will be able to show this in their work and in discussion.

Impact 2

Children will have a secure and comprehensive knowledge of the implications of technology and digital systems. This is important in a society where technologies and trends are rapidly evolving. Children will be able to apply the British values of democracy, tolerance, mutual respect, rule of law and liberty when using digital systems. Children will be able to show this in their work and in discussion.