St Botolph's C of E Primary School

COMPUTING CURRICULUM ROADMAP

'Striving to be the best we can'

YEAR 6

I have the skills to make my own creative project on Scratch.
I know search engines select and rank results.
I know the importance of privacy settings.
I can use different formats to export and print a document.
I can detect and correct errors in algorithms and programmes.
I can identify and use an existing variable on Scratch.
I know about the risks and benefits of social media.
I can present my collected data using spreadsheets.
I can use the spell check tool and thesaurus to improve writing.
I can be discerning in evaluating digital content.
I can begin to solve problems by decomposing them into smaller parts.
I can design and create a webpage.
I know that there are many opportunities for communication and collaboration on the internet.

YEAR 5

I can switch programme flow in one of two ways.
I can begin to appreciate how web pages are selected and ranked.
I cam begin to detect and correct errors in algorithms and programmes.
I can evaluate and analyse data in a database.
I can begin to solve problems by decomposing them into smaller parts.
I know the importance of respectful communication.
I know to question the credibility of some online content.
I can insert and re-size images within a document.
I can use an if, then, else loop.
I can use selection in programmes on Scratch.
I know the concept of a digital footprint.

YEAR 4

I can begin to appreciate how web pages are selected and ranked.
I can use logical reasoning to explain how some simple algorithms work.
I can accomplish specific goals by designing, writing and debugging programmes.
I can justify when to use loops and when not to.
I can use simple formatting on text.
I know what acceptable and unacceptable behaviour is online.
I can collect and analyse data.
I know how to save a document and retrieve it later.
I know how to create strong, secure passwords.
I can use repetitions in programmes on Scratch.

YEAR 3

I can begin to use logical reasoning to explain how some simple algorithms work.
I can collect data.
I can type simple sentences using proper punctuation.
I know the importance of treating others with respect online.
I can begin to accomplish specific goals by designing, writing and debugging programmes.
I can use search on a given website effectively.
I can begin to open a new document.
I know the risks of sharing personal information online.
I know strategies for dealing with inappropriate content online.
I can identify that different sequences achieve different outputs on Scratch.
I can order commands on Scratch.

YEAR 2

I know the importance of being kind and respectful online.
I understand that I should only talk to people I know in real life online.
I can save work with a simple name.
I can use Seesaw effectively in my learning.
I can create and debug simple programmes.
I can predict the behaviour of simple programmes.
I know that a programme works best when given clear instructions. .
I can choose a series of commands on Scratch Jr.
I know where to go and who to talk to if I have concerns about something I experience online.
I can describe a series of instructions as a sequence.

YEAR 1

I can recognise how to run a command on Scratch Jr.
I can run a programme on a device.
I can recognise common uses of technology in my school.
I know what an algorithm is.
I can control my Beebot and make changes to its route.
I can type simple words, including my own name on a keyboard.
I know that passwords are private and should not be shared.
I can log in using a password.
I know how to talk to a trusted adult if there is something I don't understand online.

EYFS

I can take a picture on an iPad.
I know that I should always ask a trusted adult before using the internet.
I can create simple programmes on a Beebot.
I know basic personal information (name, age and where I live).
I can upload to Seesaw.
I can find an app by recognising an icon.
I can scan a QR code.

Respect **Thankfulness** **Perseverance** **Truthfulness** **Friendship** **Compassion**