St Aidan's Computing Overview 2022 – 2023

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS						
Sycamore	COMPUTING SYSTEMS AND NETWORKS Technology around us Online Safety	CREATING MEDIA Digital Painting	PROGRAMMING A Moving a robot	DATA AND INFORMATION Grouping data Online Safety	CREATING MEDIA Digital writing Online Safety	PROGRAMMING B Introduction to animation
Poplar	COMPUTING SYSTEMS AND NETWORKS Information technology around us Online safety	CREATING MEDIA Digital photography	PROGRAMMING A Robot algorithms	DATA AND INFORMATION Pictograms Online safety	CREATING MEDIA Making music Online safety	PROGRAMMING B Introduction to quizzes
Maple	COMPUTING SYSTEMS AND NETWORKS Connecting Computers	CREATING MEDIA Stop frame animation Online safety	PROGRAMMING A Sequence in music	DATA AND INFORMATION Branching databases	CREATING MEDIA Desktop publishing Online safety	PROGRAMMING B Events and actions
Elm	COMPUTING SYSTEMS AND	CREATING MEDIA	PROGRAMMING A	DATA AND INFORMATION	CREATING MEDIA	PROGRAMMING B

		Audio editing Online safety	Repetition in shapes	Data logging	Photo editing Online safety	Repetition in games
	NETWORKS The internet					
Hawthorn	COMPUTING SYSTEMS AND NETWORKS Sharing information Online safety	CREATING MEDIA Video editing Online safety	PROGRAMMING A Selection in physical computing	DATA AND INFORMATION Flat-file databases	CREATING MEDIA Vector drawing Online safety	PROGRAMMING B Selection in quizzes
Chestnut	COMPUTING SYSTEMS AND NETWORKS Communication Online safety	CREATING MEDIA Web page creation Online safety	PROGRAMMING A Variables in games	DATA AND INFORMATION Spreadsheets	CREATING MEDIA 3D modelling Online safety	PROGRAMMING B Sensing

<u>All Online safety lessons topics cover NC strands below:</u>

KS1 Computing National Curriculum

Children can use technology safely and respectfully, keeping personal information private; they identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

KS2 Computing National Curriculum

Children use technology safely, respectfully and responsibly. They recognise acceptable/unacceptable behaviour and identify a range of ways to report concerns about content

and contact.

KS2 Computing National Curriculum

Children 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. They use search technologies effectively, appreciate how results are selected and ranked, and are discerning in evaluating digital content.