



"We believe, we achieve, we succeed in God's family"



THANKFULNESS ● COMMUNITY ● COMPASSION ● TRUTHFULNESS ● COURAGE ● FORGIVENESS

Computing & Online Safety Overview

"Computers are incredibly fast, accurate, and stupid. Human beings are incredibly slow, inaccurate, and brilliant. Together they are powerful beyond imagination." Albert Einstein.

Cycle A

	Years 1 & 2	Years 3 & 4	Years 5 & 6
Autumn 1	Computing systems and networks – Technology around us	Computing systems and networks – Connecting computers	Computing systems and networks - Communication and collaboration
Autumn 2	Creating media – Digital painting	Creating media - Stop-frame animation	Creating media – Video production
Online Safety	SMART rules, logging on/off, Online relationships Online reputation Online bullying	SMART rules, logging on/off, Online relationships Online reputation Online bullying	SMART rules, logging on/off, Online relationships Online reputation Online bullying
Spring 1	Programming A – Moving a robot	Programming A – Sequencing sounds	Programming B – Selection in quizzes
Spring 2	Data and information – Grouping data	Data and information – Branching databases	Data and information - Introduction to Spreadsheets
Online Safety	Self-image & identity Health, wellbeing & lifestyle	Self-image & identity Health, wellbeing & lifestyle	Self-image & identity Health, wellbeing & lifestyle
Summer 1	Creating media – Digital writing	Creating media – Desktop publishing	Creating media – Web Page creation

Summer 2	Programming B - Programming animations	Programming B – Events and actions in programmes	Programming B - Sensing movement
National Online Safety	Copyright & ownership Privacy & security Managing online information	Copyright & ownership Privacy & security Managing online information	Copyright & ownership Privacy & security Managing online information

Cycle B

	Years 1 & 2	Years 3 & 4	Years 5 & 6
Autumn 1	Computing systems and networks – IT around us	Creating media – The internet	Computing systems and networks - Systems and searching
Autumn 2	Creating media – Digital photography	Programming A – Repetition in shapes	Creating media – Introduction to vector graphics
National Online Safety	SMART rules, logging on/off, Online relationships Online reputation Online bullying	SMART rules, logging on/off, Online relationships Online reputation Online bullying	SMART rules, logging on/off, Online relationships Online reputation Online bullying
Spring 1	Programming A – Robot algorithms	Data and information – Data logging	Programming A – Variables in games
Spring 2	Data and information – Pictograms	Creating media – Photo editing	Creating media - Video production
National Online Safety	Self-image & identity Health, wellbeing & lifestyle	Self-image & identity Health, wellbeing & lifestyle	Self-image & identity Health, wellbeing & lifestyle
Summer 1	Creating media – Digital music	Data and information – Pictograms	Programming A – Selection in physical computing
Summer 2	Programming B - Programming quizzes	Programming B – Repetition in games	Creating media – 3D Modelling
National Online Safety	Copyright & ownership Privacy & security Managing online information	Copyright & ownership Privacy & security Managing online information	Copyright & ownership Privacy & security Managing online information