The Carlton & Faceby and Bilsdale CE Federation

Computing Long Term Plan

KS1 Cycle A

Year 1

Information Technology | Computer Science | Digital Literacy

Unit Title	Introduction to PM	Creative Computing	Data Explorers	Creating & Following Instructions	Animated Stories	Coding	Technology Around Us	Making Beats
Lessons	3	4	6	3	6	6	4	4
	Online Safety – Delivered throughout the year using 2BeSafe – Being Safe in a Digital World							

Additional Units	Robotics with Mai-Z MouseBot
Lessons	4 (Y1/2 unit)

KS1 Cycle B

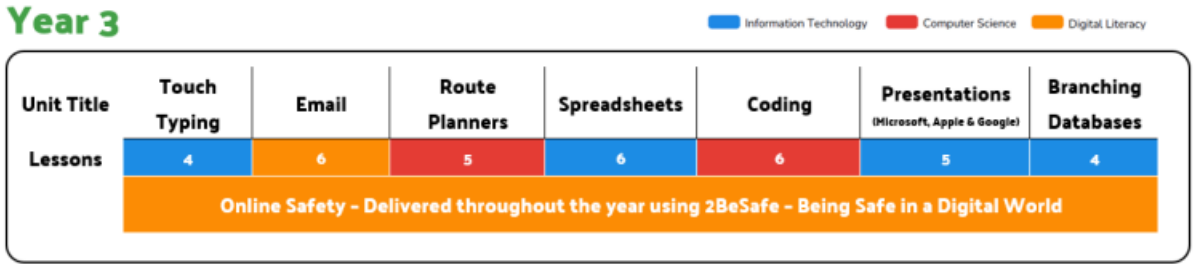
Year 2

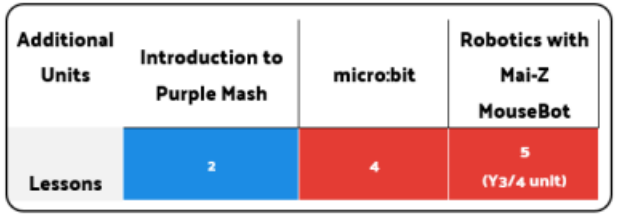
Information Technology | Computer Science | Digital Literacy

Unit Title	Creating Pictures	Making Music	Spreadsheets	Route Explorers	Questioning	Coding	Presenting Ideas	The Internet
Lessons	5	3	6	4	4	6	4	4
	Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World							

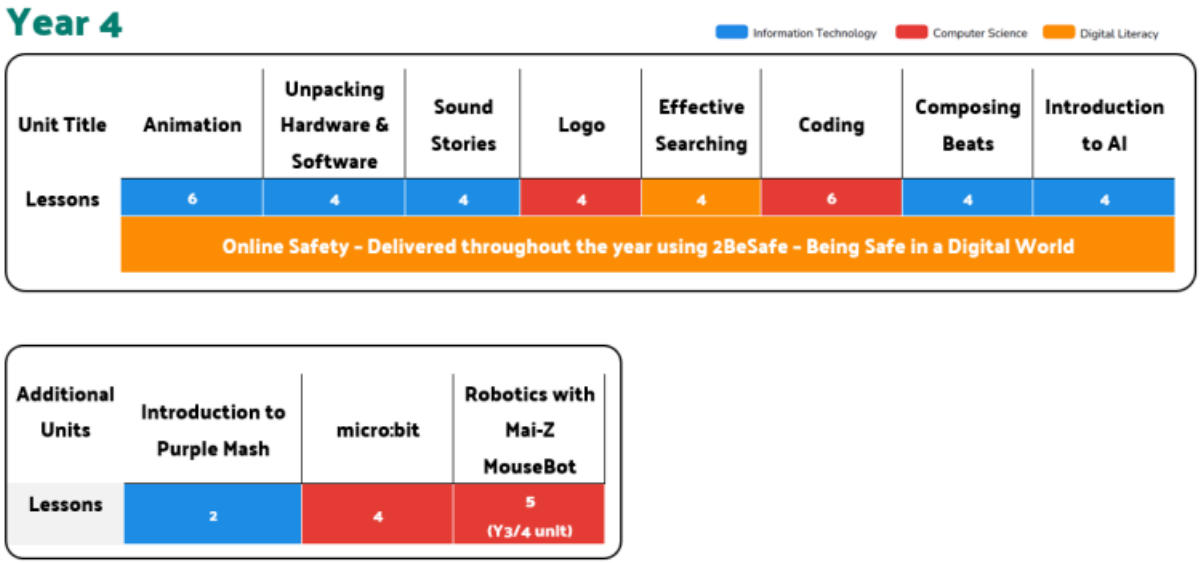
Additional Units	Introduction to Purple Mash	Robotics with Mai-Z MouseBot
Lessons	2	4 (Y1/2 unit)

Y3/4 Cycle A

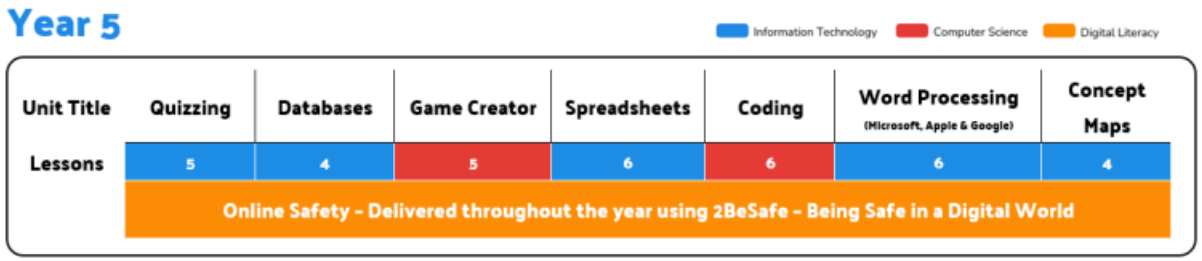

Year 3
Information Technology
Computer Science
Digital Literacy
Unit Title
Touch Typing
Email
Route Planners
Spreadsheets
Coding
Presentations
(Microsoft, Apple & Google)
Branching Databases
Lessons
4
6
5
6
6
5
4
Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World


Additional Units
Introduction to Purple Mash
micro:bit
Robotics with Mai-Z MouseBot
Lessons
2
4
5
(Y3/4 unit)

Y3/4 Cycle B

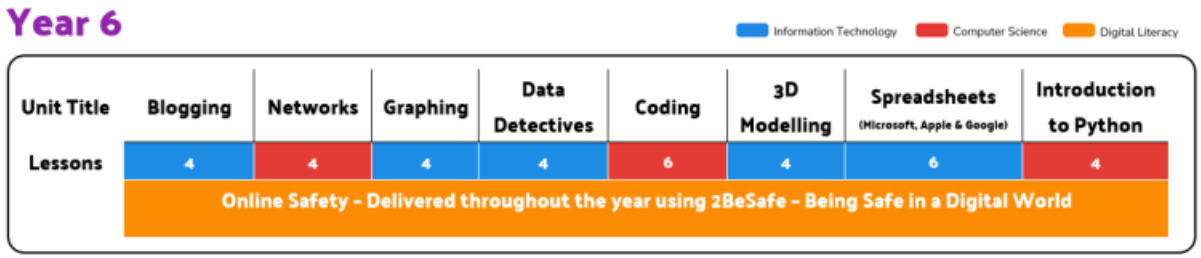

Year 4
Information Technology
Computer Science
Digital Literacy
Unit Title
Animation
Unpacking Hardware & Software
Sound Stories
Logo
Effective Searching
Coding
Composing Beats
Introduction to AI
Lessons
6
4
4
4
4
6
4
4
Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World
Additional Units
Introduction to Purple Mash
micro:bit
Robotics with Mai-Z MouseBot
Lessons
2
4
5
(Y3/4 unit)

Y5/6 Cycle A



Additional Units	Introduction to Purple Mash	Coding: External Devices	micro:bit	Robotics with Mai-Z MouseBot
Lessons	2	6	4	5 (Y5/6 unit)

Y5/6 Cycle B



Additional Units	Introduction to Purple Mash	Binary	micro:bit	Robotics with Mai-Z MouseBot
Lessons	2	4	4	5 (Y5/6 unit)