Essendon C of E Primary School (VC)

Encouraging Everyone's Light To Shine (Matthew 5:16)

Computing Curriculum Map – Year A

Value	Essendon Way	Love Yourself	Love Others	Love God	Love Learning	Love the World You Live In
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Pantherswood	Children recognise that a range of technology is used in places such as homes and schools.	Complete simple program. Use ICT to support learning.	Make observations of animals. Know how to operate simple equipment (ICT). Complete simple program.	Complete simple program.	Select & use technology for a range of purposes.	Select & use technology for a range of purposes.
Homewood	Programming Beebots Directions	Getting Started Creating a picture by exploring shapes and colours	Online Safety Algorithms unplugged	Digital Imagery	Introduction to data	Rocket to the Moon
Warrenwood	E-safety	Networks and the internet	Inside a computer – inputs/outputs	Databases	Creating presentations	Programming - scratch
Harefield	Micro:bit The meaning and purpose of Programming	Programming Music	Stop Motion animation	Bletchley Park WWII and the first computers	Coding / robotics Mars Rovers	3D CAD design Designing a product

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Computing Curriculum Map – Year B

Value	Essendon Way	Love Yourself	Love Others	Love God	Love Learning	Love the World You Live In
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Pantherswood	Children recognise that a range of technology is used in places such as homes and schools.	Complete simple program. Use ICT to support learning.	Make observations of animals. Know how to operate simple equipment (ICT). Complete simple program.	Complete simple program.	Select & use technology for a range of purposes.	Select & use technology for a range of purposes.
Homewood	Word Processing Letter writing	What is a computer? Computer parts and invention	Programming Making a musical instrument	Algorithms and debugging Making maps	International Space Station - homes	At the movies
Warrenwood	Researching and storing data	Website design	HTML	Coding - scratch	Collaborative learning using shared documents	Computational thinking
Harefield	Online Safety	Intro to Python	Big Data 1 Barcodes, QR codes and RFID	Big Data 2 Data usage and smart schools	Search engines	Skills showcase Designing and promoting a new product