



**William Penn
Curriculum Map – Computing**

Subject Coverage Overview

Skills/Themes	Computer Science	Information Technology	Digital Literacy
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	Autumn	Spring	Summer
Cycle A			
Year R	Fantastic Fairytales Algorithms	Amazing Animals Creating Programs Using Technology	Helpful Heroes Use of IT beyond school Online Safety
Year 1/2	Who Lives Here? Online Safety Effective Searching Lego Builders	Spring Has Sprung Online Safety Animated Story Books Making Music	Back in Time for... Spreadsheets Coding
Year 3/4	Ancient Ancestors (Stone Age to Iron Age) Coding Online Safety Spreadsheets	We're Sailing down the Nile (Ancient Egypt) Writing for different audiences Log Animation	Our World Branching Databases Simulations Graphing
Year 5/6	Wonders of the Universe Coding Online Safety Spreadsheets	Super Settlers (Anglo Saxons and Scots) Blogging Text Adventures Networks	Friends And Heroes (Quakerism and Democracy) A local History Study Concept Maps Word Processing (Google Docs) Using External Devices – Purple Chip
Cycle B			
Year R	Fantastic Fairytales Algorithms	Amazing Animals Creating Programs Using Technology	Helpful Heroes Use of IT beyond school Online Safety
Year 1/2	Community Heroes Online Safety Maze Explorers Questioning	Shiver and Sizzle Technology outside school Grouping & Sorting Creating Pictures	Oh I do like to be beside.... Spreadsheets Pictograms Presenting Ideas
Year 3/4	Raging Rivers and Marvellous Mountains Coding Online Safety Spreadsheets	The Roman Empire Touch Typing Email (email safety)	Groovy Greeks Effective Search Hardware Investigators
Year 5/6	We'll Meet Again (WWII links with Coolham airfield and Battle of Britain) Coding Online Safety Spreadsheets	Rulers of the Rainforest (Ancient Mayan Civilization and rainforests) Databases Game Creator 3D Modelling	Vikings (Life and Legend) Quizzing Understanding Binary Spreadsheets (Google Sheets)