

Whiston Willis primary Academy

Computing Long Term Overview

Purple Mash

Theme Key:

Coding and computational thinking	Spreadsheets	Online safety, Internet and Email	Art and Design	Music	Databases and graphing	Writing and Presenting	Communication and networks
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Key Stage 1

Cycle	Autumn	Spring	Summer
A	Unit 1.1 Online Safety and Communication and Networks 4 weeks Programs - various	Unit 1.6 Animated Story Books 5 Weeks Programs - 2Create A Story	Unit 1.8 Spreadsheets 3 weeks Programs - 2Calculate
	Unit 2.2 Online Safety 3 weeks Programs - various	Unit 2.6 Creating Pictures 5 weeks Programs - 2Paint A Picture	Unit 2.3 Spreadsheets 4 Weeks Programs - 2Calculate
	Unit 2.5 Effective Searching 3 weeks Programs - Browser		
	Unit 2.7 Making Music 3 weeks Programs - 2Sequence		

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Key Stage 1

Cycle	Autumn	Spring	Summer
B	Unit 1.2 Grouping and Sorting 2 weeks Programs - 2DIY	Unit 1.7 Coding 6 weeks Programs - 2Code	Unit 2.8 Presenting Ideas 4 weeks Programs - Various
	Unit 1.4 Lego Builders 3 weeks Programs - 2DIY	Unit 2.1 Coding 5 weeks Programs - 2Code	Unit 2.4 Questioning 5 weeks Programs - 2Question, 2Investigate
	Unit 1.5 Maze Explorers 3 Weeks Programs - 2Go		
	Unit 1.3 Pictograms 3 weeks Programs - 2Count		

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Lower Key Stage 2

Cycle	Autumn	Spring	Summer
A	Unit 3.2 Online Safety 3 weeks Programs - various	Unit 3.3 Spreadsheets 3 weeks Programs - 2Calculate	Unit 4.2 Online Safety 3 weeks Programs - various
	Unit 3.5 Email (including email safety) 6 weeks Programs - 2Email, 2Connect, 2DIY	Unit 4.3 Spreadsheets 6 weeks Programs - 2Calculate	Unit 4.7 Effective Search 3 Weeks Programs - Browser
	Unit 4.6 Animation 3 weeks Programs - 2animate		Unit 3.7 Simulations 3 weeks Programs - 2Simulate, 2Publish
			Unit 4.8 Hardware Investigation 2 Weeks

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Lower Key Stage 2

Cycle	Autumn	Spring	Summer
B	Unit 3.1 Coding 6 weeks Programs - 2Code	Unit 4.5 Logo 4 weeks Programs - Logo	Unit 3.4 Touch Typing 4 Weeks 2Type
	Unit 4.1 Coding 6 weeks Programs - 2Code	Unit 3.6 Branching Databases 4 weeks Programs - 2Question	Unit 4.4 Writing for different audiences 5 weeks Programs - 2Email, 2connect, 2DIY
		Unit 3.8 Graphing 3 Weeks Programs 2Graph	Unit 4.9 Making music 4 weeks Program Busy Beats

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Upper Key Stage 2

Cycle	Autumn	Spring	Summer
A	Unit 5.2 Online Safety 3 weeks Programs - various	Unit 5.3 Spreadsheets 6 weeks Programs - 2Calculate	Unit 6.3 Spreadsheets 5 weeks Programs - 2Calculate
	Unit 6.2 Online Safety 2 weeks Programs - various	Unit 6.6 Networks 3 weeks	Unit 5.6 3D Modelling 4 Weeks Programs - 2Design and make
	Unit 5.4 Databases 4 weeks Programs - 2Question, 2Investigate		
	Unit 5.5 Game Creator 5 weeks Programs - 2DIY3D		

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Upper Key Stage 2

Cycle	Autumn	Spring	Summer
B	Unit 5.1 Coding 6 weeks Programs - 2Code	Unit 6.5 Text Adventures 5 weeks Programs - 2Code, 2Connect	Unit 6.4 Blogging 5 weeks Programs - 2Blog
	Unit 6.1 Coding 6 weeks Programs - 2Code	Unit 5.7 Concept Maps 4 weeks Programs - 2Connect	Unit 6.7 Quizzing 6 weeks Programs - 2Quiz, 2DIY, Text Toolkit, 2Investigate
			Unit 6.8 (optional) Understanding Binary 4 Weeks Program 2Code