



Learning, Caring and Growing Together in Faith

St Andrew's C of E Infant School

Computing Overview

| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|--------|--|---|--|---|---|---|
| All | | | Safer Internet Day | | | |
| EYFS | Begin to identify with support, examples of technology in the classroom and use these appropriately | Explore using Bee Bots to move forward, backwards, right and left. | Safer Internet Day Smartie the Penguin (1 lesson) ChildNet Recognise simple examples of personal information and trusted people. Recognise some ways the internet can be used to communicate. Identify ways that people can be unkind online. | Take a photo using both cameras. Be able to crop a photo. | With support, <u>begin</u> to use username and password | Type name/sentence using keyboard. Add to an existing image. Keyboard skills – Purple Mash |
| Year 1 | Unit 1.1 Online Safety and Exploring Purple Mash (4 lessons) Various Unit 1.2 Grouping and Sorting (2 lessons) 2DIY | Unit 1.3 Pictograms Unit (3 lessons) 2Count Unit 1.4 Lego Builders (3 lessons) 2DIY 3 + 3 = 6 lessons | Safer Internet Day Jessie and Friends (1 lesson) ThinkUKnow Unit 1.6 Animated Stories (5 lessons) 2Create a Story | Unit 1.5 Maze Explorers (3 lessons) 2Go Unit 1.9 Online Safety Technology Outside School (2 lessons) Various | Unit 1.7 Coding Unit (6 lessons) 2Code 6 lessons | Unit 1.8 Spreadsheets (3 lessons) 2Calculate Chicken Clicking (1 lesson) Book 3 + 1 = 4 lessons |

'God is my strength, in whom I trust.' Psalm 18



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|--------|--|---|--|---|--|---|
| | 4 + 2 = 6 lessons | | 1 + 5 = 6 lessons | & Old MacDonald had a Phone (1 lesson) Book | | |
| Year 2 | <u>Unit 2.1 Coding</u> (6 lessons) 2Code 6 lessons | <u>Unit 2.2 Online Safety</u> (3 lessons) Various <u>Unit 2.3 Spreadsheets</u> (4 lessons) 2Calculate 7 lessons | <u>Safer Internet Day</u> <u>Lee and Kim</u> (1 lesson minimum) ThinkUKnow <u>Unit 2.4 Questioning</u> (5 lessons) 2Investigate/2Question 1 + 5 = 6 lessons | 3 + 2 + 1 = 6 lessons <u>Unit 2.5 Effective Searching</u> (3 lessons) Browser <u>Unit 2.7 Making Music</u> (3 lessons) 2Sequence 3 + 3 = 6 lessons | <u>Unit 2.6 Creating Pictures</u> (5 lessons) 2Paint a Picture <u>Troll Stinks</u> (1 lesson) Book 5 + 1 = 6 lessons | <u>Unit 2.8 Presenting Ideas</u> (4 lessons) Various <u>#Goldilocks</u> (1 lesson) Book 4 + 1 = 5 lessons |

CS - Computer Science

Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions.

Create and debug simple programs.

Use logical reasoning to predict the behaviour of simple programs.

IT – Information Technology

Use technology purposefully to create, organise, store, manipulate and retrieve digital content

DL – Digital Literacy

Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

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