



| Predominant Area of Computing* | | |
|--------------------------------|------------------------|--|
| | Computer Science | |
| | Information Technology | |
| | Digital Literacy | |

*Most units will include aspects of all strands.

Year 1

| | Unit 1.1 | Unit 1.2 | Unit 1.3 | Unit 1.4 | Unit 1.5 | Unit 1.6 | Unit 1.7 | Unit 1.8 | Unit 1.9 |
|-------------------|---------------------------------------|--------------------|------------|---------------|----------------|----------------------|----------|--------------|---------------------------|
| | Online Safety & Exploring Purple Mash | Grouping & Sorting | Pictograms | Lego Builders | Maze Explorers | Animated Story Books | Coding | Spreadsheets | Technology outside school |
| Number of lessons | 4 | 2 | 3 | 3 | 3 | 5 | 6 | 3 | 2 |
| Main tool | | | 2Count | | 2Go | 2Create A Story | 2Code | 2Calculate | |

Year 2

| | Unit 2.1 | Unit 2.2 | Unit 2.3 | Unit 2.4 | Unit 2.5 | Unit 2.6 | Unit 2.7 | Unit 2.8 |
|-------------------|----------|---------------|--------------|---------------------------|---------------------|-------------------|--------------|------------------|
| | Coding | Online Safety | Spreadsheets | Questioning | Effective Searching | Creating Pictures | Making Music | Presenting Ideas |
| Number of lessons | 6 | 3 | 4 | 5 | 3 | 5 | 3 | 4 |
| Main tool | 2Code | | 2Calculate | 2Question 2Investigate | | 2Paint A Picture | 2Sequence | |

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Cedars' Computing Scheme of Work Overview

Year 3

| | Unit 3.1 | Unit 3.2 | Unit 3.3 | Unit 3.4 | Unit 3.5 | Unit 3.6 | Unit 3.7 | Unit 3.8 | Unit 3.9 |
|-------------------|----------|---------------|---------------------------------|--------------|---------------------------|---------------------|-------------|----------|-----------------------------|
| | Coding | Online safety | Spreadsheets | Touch Typing | Email (inc. email safety) | Branching Databases | Simulations | Graphing | Presenting |
| Number of lessons | 6 | 3 | 3 4 lessons for Crash Course | 4 | 6 | 4 | 3 | 3 | 5\6* |
| Main tool | 2Code | | 2Calculate | 2Type | 2Email | 2Question | 2Simulate | 2Graph | PowerPoint or Google Slides |

*Platform dependent

Year 4

| | Unit 4.1 | Unit 4.2 | Unit 4.3 | Unit 4.4 | Unit 4.5 | Unit 4.6 | Unit 4.7 | Unit 4.8 | Unit 4.9 |
|-------------------|----------|---------------|--------------|---------------------------------|----------|-----------|---------------------|------------------------|--------------|
| | Coding | Online Safety | Spreadsheets | Writing for Different Audiences | Logo | Animation | Effective Searching | Hardware Investigators | Making Music |
| Number of lessons | 6 | 4 | 6 | 5 | 4 | 3 | 3 | 2 | 4 |
| Main tool | 2Code | | 2Calculate | | 2Logo | 2Animate | | | Busy Beats |

Year 5

| | Unit 5.1 | Unit 5.2 | Unit 5.3 | Unit 5.4 | Unit 5.5 | Unit 5.6 | Unit 5.7 | Unit 5.8 |
|-------------------|----------|---------------|--------------|--------------|--------------|----------------|--------------|------------------------|
| | Coding | Online Safety | Spreadsheets | Databases | Game Creator | 3D Modelling | Concept Maps | Word Processing |
| Number of lessons | 6 | 3 | 6 | 4 | 5 | 4 | 4 | 8 |
| Main tool | 2Code | | 2Calculate | 2Investigate | 2DIY 3D | 2Design & Make | 2Connect | MS Word or Google Docs |

Year 6

| | Unit 6.1 | Unit 6.2 | Unit 6.3 | Unit 6.4 | Unit 6.5 | Unit 6.6 | Unit 6.7 | Unit 6.8 | 6.9 |
|-------------------|----------|---------------|--------------|----------|-----------------|----------|----------|----------------------|------------------------|
| | Coding | Online Safety | Spreadsheets | Blogging | Text Adventures | Networks | Quizzing | Understanding Binary | Spreadsheets |
| Number of lessons | 6 | 2 | 5 | 4 | 5 | 3 | 6 | 4 | 8 |
| Main tool | 2Code | | 2Calculate | 2Blog | | | 2Quiz | | Excel or Google Sheets |

**** Please note Year 4 2022-2023 will do the Year 3 units due to the mixed age planning in 2021-2022****

Follow the units as set out. As some of the units are shorter, some terms WILL involve teaching more than one unit. This will be taken into consideration when doing the Curriculum documents (Homework grids, KO and Overviews)

There are enough weeks to give a full comprehensive year of Computing units.

Tools by Unit

| Year | Unit | Title | Tools used |
|------|---------------------------|---|---------------------|
| Y1 | 1.1 | Online Safety and Exploring Purple Mash | Avatar creator |
| | | | Paint Projects |
| | | | Writing Templates |
| | | | 2Count (Pictograms) |
| | | | 2Explore (Music) |
| | 1.2 | Grouping & Sorting | 2Quiz |
| | 1.3 | Pictograms | 2Connect (Mind Map) |
| | | | 2Count (Pictograms) |
| | 1.4 | Lego Builders | Paint Projects |
| | | | Writing Templates |
| | | | 2Quiz |
| | 1.5 | Maze Explorers | 2Go (coding) |
| | 1.6 | Animated Stories | 2Create a Story |
| 1.7 | Coding | 2Code | |
| 1.8 | Spreadsheets | 2Calculate | |
| 1.9 | Technology Outside School | Writing Templates | |

| Year | Unit | Title | Tools used |
|------|------------------|-------------------------|------------------------------|
| Y2 | 2.1 | Coding | 2Code |
| | 2.2 | Online Safety | Writing Templates |
| | | | Displayboards |
| | | | 2Respond (2Email) |
| | 2.3 | Spreadsheets | 2Calculate |
| | 2.4 | Questioning | 2Question (Binary Databases) |
| | | | 2Calculate (spreadsheet) |
| | | | 2Investigate (database) |
| | 2.5 | Effective Searching | 2Quiz |
| | | | Writing Templates |
| | 2.6 | Creating Pictures | 2Paint a Picture |
| | | | Writing Templates |
| | 2.7 | Making Music | 2Sequence (Music) |
| 2.8 | Presenting Ideas | 2Connect (Mind Map) | |
| | | 2Create a Story (ebook) | |
| | | 2Quiz | |
| | | Writing Templates | |

| Year | Unit | Title | Tools used |
|------------------|---|---------------------------------------|------------------------------|
| Y3 | 3.1 | Coding | 2Code |
| | 3.2 | Online Safety | 2Connect (Mind Map) |
| | | | 2Blog (Blogging) |
| | | | Writing Templates |
| | | | Displayboards |
| | 3.3 | Spreadsheets | 2Calculate |
| | 3.4 | Typing | 2Type |
| | 3.5 | Email | 2Email |
| | 3.6 | Branching Databases | 2Question (Binary Databases) |
| | 3.7 | Simulations | 2Simulate |
| | | | Writing Templates |
| | 3.8 | Graphing | 2Graph |
| | | | Writing Templates |
| 2Blog (Blogging) | | | |
| 3.9 | Presenting (with Microsoft PowerPoint or Google Slides) | Microsoft PowerPoint or Google Slides | |

| Year | Unit | Title | Tools used |
|------|------------------------|---------------------------------|---------------------------|
| Y4 | 4.1 | Coding | 2Code |
| | 4.2 | Online Safety | 2Connect (Mind Map) |
| | | | 2Publish Plus |
| | | | Displayboards |
| | 4.3 | Spreadsheets | 2Calculate |
| | 4.4 | Writing for Different Audiences | Writing Templates |
| | | | 2Simulate |
| | | | 2Connect (Mind Map) |
| | | | 2Publish Plus |
| | 4.5 | Logo | 2Logo (text-based coding) |
| | 4.6 | Animation | 2Animate |
| | 4.7 | Effective Searching | 2Quiz |
| | | | 2Connect (Mind Map) |
| 4.8 | Hardware Investigators | 2Quiz | |
| | | 2Connect (Mind Map) | |
| | | Writing Templates | |
| 4.9 | Making Music | Busy Beats | |
| | | 2Sequence | |
| | | Writing Templates | |

| Year | Unit | Title | Tools used |
|------|--|------------------------|-------------------------|
| Y5 | 5.1 | Coding | 2Code |
| | 5.2 | Online Safety | 2Publish Plus |
| | | | Writing Templates |
| | | | Displayboards |
| | | | 2Connect (Mind Map) |
| | 5.3 | Spreadsheets | 2Calculate |
| | 5.4 | Databases | 2Investigate (database) |
| | | | Avatar creator |
| | 5.5 | Game Creator | 2DIY 3D |
| | | | Writing Templates |
| | | | 2Blog (Blogging) |
| | 5.6 | 3D Modelling | 2Design and Make |
| | | | Writing Templates |
| 5.7 | Concept Maps | 2Connect (Mind Map) | |
| 5.8 | Word Processing (with Microsoft Word or Google Docs) | MS Word or Google Docs | |

| Year | Unit | Title | Tools used |
|------|--|------------------------------|-------------------------|
| Y6 | 6.1 | Coding | 2Code |
| | 6.2 | Online Safety | 2DIY 3D 2DIY 2Code |
| | | | 2Blog (Blogging) |
| | 6.3 | Spreadsheets | 2Calculate |
| | 6.4 | Blogging | 2Blog (Blogging) |
| | 6.5 | Text Adventures | 2Code |
| | | | 2Connect (Mind Map) |
| | | | Writing Templates |
| | 6.6 | Networks | 2Connect (Mind Map) |
| | | | Writing Templates |
| | 6.7 | Quizzing | 2DIY |
| | | | 2Quiz |
| | | | Text Toolkit |
| | | | 2Investigate (database) |
| 6.8 | Understanding Binary | 2Connect (Mind Map) | |
| | | 2Question (Binary Databases) | |
| | | Writing Templates | |
| | | 2Code | |
| 6.9 | Spreadsheets (with Microsoft Excel or Google Sheets) | MS Excel or Google Sheets | |