



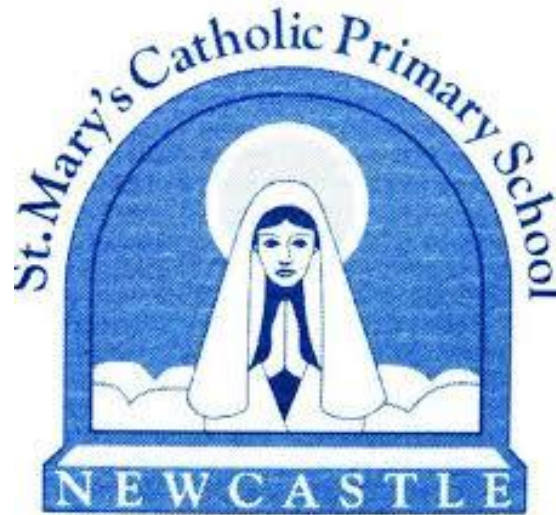
Mission Statement
Learning to Live Out Our Calling with Compassion and Love



Computing

Scheme of Work

Overview



*Learning to live out our calling with
compassion and love*

Units by Year Group - Single Age Classes

Theme Key:

| | | | | | | | |
|-----------------------------------|--------------|--------------------|----------------|-------|------------------------|------------------------|----------------------------|
| | | | | | | | |
| Coding and Computational thinking | Spreadsheets | Internet and Email | Art and Design | Music | Databases and graphing | Writing and Presenting | Communication and networks |

| Week | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|--------|--|---|---|---|--|---|--|---|---|----|---|----|---|----|----|---|----|----|----|--|----|--|----|----|----|----|----|----|----|----|----|
| YEAR 1 | Unit 1.1 Online Safety & Exploring Purple Mash Weeks - 4 Programs - Various | | | | Unit 1.2 Grouping & Sorting Weeks - 2 Programs - 2DIY | | Unit 1.3 Pictograms Weeks - 3 Programs - 2Count | | Unit 1.4 Lego Builders Weeks - 3 Programs - 2DIY | | Unit 1.5 Maze Explorers Weeks - 3 Programs - 2Go | | Unit 1.6 Animated Story Books Weeks - 5 Programs - 2Create A Story | | | Unit 1.7 Coding Weeks - 6 Programs - 2Code | | | | Unit 1.8 Spreadsheets Weeks - 3 Programs - 2Calculate | | Unit 1.9 Technology outside school Weeks - 2 Programs - Various | | | | | | | | | |

| Week | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
|--------|---|---|---|---|---|--|---|--|---|----|---|----|----|--|----|---|----|----|---|----|---|----|----|----|----|----|----|----|----|----|----|----|
| YEAR 2 | Unit 2.1 Coding Weeks - 5 Programs - 2Code | | | | | Unit 2.2 Online Safety Weeks - 3 Programs - Various | | Unit 2.3 Spreadsheets Weeks - 4 Programs - 2Calculate | | | Unit 2.4 Questioning Weeks - 5 Programs - 2Questions, 2Investigate | | | Unit 2.5 Effective Searching Weeks - 3 Programs - Browser | | Unit 2.6 Creating Pictures Weeks - 5 Programs - 2PaintAPicture | | | Unit 2.7 Making Music Weeks - 3 Programs - 2Sequence | | Unit 2.8 Presenting Ideas Weeks - 4 Programs - Various | | | | | | | | | | | |

| Week | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
|--------|-----------------------|---|---|---|---|---|---------------------------|---|---|--------------------------|----|----|--------------------------|----|----|---|----|----|-----------------------------------|----|----|--------------------------------|----|----|----------------------|----|----|----|----|----|----|----|
| YEAR 3 | Unit 3.1 Coding | | | | | | Unit 3.2 Online safety | | | Unit 3.3 Spreadsheets | | | Unit 3.4 Touch Typing | | | Unit 3.5 Email (including email safety) | | | Unit 3.6 Branching & Databases | | | Unit 3.7 Simulation | | | Unit 3.8 Graphing | | | | | | | |
| | Number of Weeks - 6 | | | | | | Weeks - 3 | | | Weeks - 3 | | | Weeks - 4 | | | Weeks - 6 | | | Weeks - 4 | | | Weeks - 3 | | | Weeks - 3 | | | | | | | |
| | Main Programs - 2Code | | | | | | Programs - Various | | | Programs - 2Calculate | | | Programs - 2Type | | | Programs - 2Email, 2Connect, 2DIY | | | Programs - 2Question | | | Programs - 2Simulate, 2Publish | | | Programs - 2Graph | | | | | | | |

| Week | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 |
|--------|-----------------------|---|---|---|---|---|---------------------------|---|---|--------------------------|----|----|---|----|----|------------------|----|----|-----------------------|----|----|------------------------------|----|----|-------------------------------------|----|----|----|----|----|----|----|----|
| YEAR 4 | Unit 4.1 Coding | | | | | | Unit 4.2 Online safety | | | Unit 4.3 Spreadsheets | | | Unit 4.4 Writing for different audiences | | | Unit 4.5 Logo | | | Unit 4.6 Animation | | | Unit 4.7 Effective Search | | | Unit 4.8 Hardware Investigations | | | | | | | | |
| | Number of Weeks - 6 | | | | | | Weeks - 4 | | | Weeks - 6 | | | Weeks - 5 | | | Weeks - 4 | | | Weeks - 3 | | | Weeks - 3 | | | Weeks - 2 | | | | | | | | |
| | Main Programs - 2Code | | | | | | Programs - Various | | | Programs - 2Calculate | | | Programs - 2Email, 2Connect, 2DIY | | | Programs - Logo | | | Programs - 2Animate | | | Programs - Browser | | | | | | | | | | | |

Unit 4.9
Making Music
(Optional Unit)
Number of Lessons - 4

Main Program -
Busy Beats

Unit 3.9
Presenting (with
Microsoft PowerPoint
or Google Slides)

(Optional Unit)
Number of Lessons - 5
or 6 (version
dependent)
Main Program -
MS PowerPoint
or Google Slides

| Week | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
|--------|-----------------------|---|---|---|---|---|---------------------------|---|---|--------------------------|----|----|----|----|----|------------------------------------|----|----|----|--------------------------|----|----|----|-----------------------------|----|----|----|--------------------------|----|----|----|----|
| YEAR 5 | Unit 5.1 Coding | | | | | | Unit 5.2 Online safety | | | Unit 5.3 Spreadsheets | | | | | | Unit 5.4 Databases | | | | Unit 5.5 Game Creator | | | | Unit 5.6 3D Modelling | | | | Unit 5.7 Concept Maps | | | | |
| | Number of Weeks - 6 | | | | | | Weeks - 3 | | | Weeks - 6 | | | | | | Weeks - 4 | | | | Weeks - 5 | | | | Weeks - 4 | | | | Weeks - 4 | | | | |
| | Main Programs - 2Code | | | | | | Programs - Various | | | Programs - 2Calculate | | | | | | Programs - 2Question, 2Investigate | | | | Programs - 2DIY 3D | | | | Programs - 2Design and Make | | | | Programs - 2Connect | | | | |

Unit 5.8
Word processing (with Microsoft Word or Google Docs)

(Optional Unit)
Number of Lessons - 8

Main program - MS Word or Google Docs

| Week | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
|---------|--|---|---|---|---|---|--|---|---|----|----|----|--|----|----|----|---|----|----|---------------------------------------|----|----|--|----|----|----|----|----|----|----|----|----|
| YEAR 6* | Unit 6.1 Coding Number of Weeks - 6 Main Programs - 2Code | | | | | | Unit 6.2 Online safety Weeks - 2 Programs - Various | | Unit 6.3 Spreadsheets Weeks - 5 Programs - 2Calculate | | | | Unit 6.4 Blogging Weeks - 5 Programs - 2Blog | | | | Unit 6.5 Text Adventures Weeks - 5 Programs - 2Code, 2Connect | | | Unit 6.6 Networks Weeks - 3 | | | Unit 6.7 Quizzing Weeks - 6 Programs - 2Quiz, 2DIY, Text Toolkit, 2Investigate | | | | | | | | | |

Unit 6.8
Understanding Binary

 (Optional Unit)
Number of Lessons - 4

 Main Program - 2Code

Unit 6.9
Spreadsheets (with
Microsoft Excel or
Google Sheets)

 (Optional Unit)
Number of Lessons - 8

 Main program - MS
Excel or Google Sheets

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 (Optional) | 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 (optional) | Understanding Binary | 2Connect (Mind Map) | |
| | | 2Question (Binary Databases) | |
| | | Writing Templates | |
| | | 2Code | |
| 6.9 (optional) | Spreadsheets (with Microsoft Excel or Google Sheets) | MS Excel or Google Sheets | |