



# Subject Overview: Computing

algorithm program debugging  
sequence variable procedure  
programming language  
function computational logic  
software hardware operating  
system abstraction



## Concepts

- Connect
- Digital Literacy
- Information Technology
- Communicate
- Collect
- Computer Science
- Code

## Year Group

### Term

F2

1

2

3

4

5

6

### Advent 1

Exploring Hardware

Computing systems and networks – Technology Around us

Computing systems and networks IT around us

Computing Systems and Networks – Connecting Computers

Computing systems and networks – the internet

Computing systems and networks Sharing information

Computing systems and networks Communication

### Advent 2

Using a computer

Creating Media – Digital Painting

Creating Media Photography

Creating Media – Animation

Creating Media – Audio Editing

Creating Media Vector Drawing

Creating Media – 3D Modelling

### Lent 1

All About Instructions

Creating Media Writing

Creating Media - Music

Creating Media- Desktop Publishing

Creating Media Photo editing

Creating Media Video Editing

Creating Media – Web page creation

### Lent 2

Introduction to Data

Data and Information – Grouping Data

Data and Information – Pictograms

Data and Information – Branching databases

Data and Information – Data logging

Data and Information – Flat-file databases

Data and Information – Spreadsheets

### Pentecost 1

Supporting a Child-Led Project

Programming A – Moving a Robot

Programming A – Robot Algorithms

Programming A – Sequencing sounds

Programming A – Repetition in shapes

Programming A – Selection in physical computing

Programming A – Variables in games

### Pentecost 2

Programming: Bee Bots

Programming B

Programming B – Introduction to Animation

Programming B – An Introduction to Quizzes

Programming B – Events and actions in programs

Programming B – Repetition in games

Programming B – Selection in quizzes

Our Futures  
Our Discoveries  
Our Diversities  
**Our Lives**



Our Diversities  
Our History  
Our Creativity  
Our Futures

Our Behaviors  
Our Faith  
Our Common Home  
Our Lives  
**Our Faith**  
Our Creativity