



CEC Key Stage 2 Learning Journey: Computing

Cycle 2

- Introduction to Computer Science with Scratch.
- Iteration (looping through instructions)
- Selection (deciding on what to do next based on conditions).
- Variables for score
- Clones

Cycle 3

- Resistant materials and CAD
- Project design methods
- File types used in computer aided design
- Programming a laser cutter
- Evaluation of project work

Extra Curricular

- Coding club
- Digital Photography Club
- Engineering club

Cycle 1

- Using the school systems
 - Word Processing
 - Presentation Software
 - Spreadsheets
 - Effective email use

Year

7

Summer Term
Data and Information -
Spreadsheets

Spring Term

Creating media –
3D
modelling

Spring Term

Creating Media –
Video Editing

Summer Term
Programming A –
Selection in physical
computing

Autumn Term

Year

6

Computing systems
and networks –
communication

Spring Term

Creating
Media-
Audio
Editing

Autumn Term

Computing systems
and networks –
Sharing information

Year

5

Summer Term
Creating Media –
Photo Editing

Spring Term

We are
Communi-
cators

Summer Term
We are Presenters

Autumn Term

Year

4

Computing systems
and networks – The
Internet

Autumn Term

We are Netiquette
Experts.

Year

3

Cycle Assessment points

- Autumn Term Assessments (December)
- Spring Term Assessments (March)
- Summer Term Assessments (June)



CEC EYFS + Key Stage 1 Learning Journey: Computing

Spring Term

Rising Stars - We are Photographers 2.3

Summer Term

Rising Stars – We are Games Testers 2.2

Learning journey to continue in KS2

Autumn Term

Switched on Online Safety Unit 2.5 We are Online Behaviour experts

Year **2**

Summer Term

We are collectors-online searches

Spring Term

We are Treasure Hunters-Giving instructions

Spring Term

Internet safety day 'Treasure Island'- learn about early programming and algorithms. Understand the purposes of diving equipment such as torches and air tanks. Exploring how video and photographic footage is available for us to look at.

Summer Term

Use computing for research about Ghana. Use chrome books, Bee-Bots and iPads.

Autumn Term

Year **1**

We are Good Digital Citizens

Autumn Term

- Understand the scope of technology; for example, when they use Google Earth to look at a view from space as part of their 'Blast off' topic.

Year **R**

Summer Term

Play games independently on iPad.

Spring Term

- Use beebots
- Safer internet day
- Play simple games on the interactive whiteboard.

Spring Term

Safer internet day

Summer Term

- Explore using an iPad.

Autumn Term

Year **P**

- Explore how to use our interactive whiteboard
- Show interest in technology: mobile phones.

Autumn Term

- Show interest in technology.

Year **N**

Cycle Assessment points

- Autumn Term Assessments (December)
- Spring Term Assessments (March)
- Summer Term Assessments (June)