COMPUTING LONG TERM PLAN

Approx. No. of weeks in term	15	12	12
KS1	**Autumn**	**Spring**	**Summer**
Year A 2024/2025	**Lego Builders (Y1) Unit 1.4** 3 lessons **Effective Searching (Y2) Unit 2.5** 3 lessons **Grouping and Sorting (Y1) Unit 1.2** 2 lessons	**Presenting Ideas (Y2) Unit 2.8** 4 lessons **Spreadsheets (Y1) Unit 1.8** 3 lessons **Spreadsheets (Y2) Unit 2.3** 4 lessons	**Maze Exploration (Y1) Unit 1.5** 3 lessons **Making Music (Y2) Unit 2.7** 3 lessons
E-Safety	**Online Safety and Exploring Purple Mash Unit 1.1 Year A** Lessons 1 and 2	**Online Safety and Exploring Purple Mash Unit 1.1 Year A** Lessons 3 and 4	**Online Safety and Exploring Purple Mash Unit 1.1 Year B** Lessons 1 and 2
Year B 2023/2024	**Coding (Y1) Unit 1.7** 6 lessons **Coding (Y2) Unit 2.1** 5 lessons	**Creating Pictures (Y2) Unit 2.6** 5 lessons **Animated Stories (Y1) Unit 1.6** 5 lessons	**Questioning (Y2) Unit 2.4** 5 lessons **Technology Outside School (Y1) Unit 1.9** 2 lessons **Pictograms (Y1) Unit 1.3** 3 lessons
E-Safety	**Online Safety and Exploring Purple Mash Unit 1.1 Year B** Lessons 3 and 4	**Online Safety Unit 2.2** Lessons 1 and 2	**Online Safety Unit 2.2** Lesson 3

Year A: Coding - Teach both units of coding consecutively so that children build on skills taught

Year B: Spreadsheets - Teach both units of spreadsheets consecutively so that children build on skills taught

Approx. No. of weeks in term	15	12	12
KS2	**Autumn**	**Spring**	**Summer**
Year A	Coding (Y3456) **3D Modelling (Y5) Unit 5.6** 4 lessons **Touch Typing (Y3) Unit 3.4** 4 lessons	**Animation (Y4) Unit 4.6** 3 lessons **Blogging (Y6) Unit 6.4** 4 lessons	**Spreadsheets (Y3456)** **Effective Search (Y4) Unit 4.7** 3 lessons
E-Safety	**Online Safety Unit 3.2** Lessons 1 and 2	**Online Safety Unit 3.2** Lesson 3 **Unit 5.2** Lesson 1 and 2	**Online Safety Unit 5.2** Lessons 3 and 4
Year B	**Coding (Y3456) Branching Databases (Y3) Unit 3.6** 4 lessons	**Writing for Different Audiences (Y4) Unit 4.4** 5 lessons **Quizzing (Y6) Unit 6.7** 6 lessons	**Simulations (Y3) Unit 3.7** 3 lessons **Spreadsheets (Y3456)**
E-Safety	**Online Safety Unit 4.2** Lessons 1 and 2	**Online Safety Unit 4.2** Lessons 3 and 4	**Online Safety Unit 6.3** 3 Lessons
Year C	Coding (Y3456) **Databases (Y5) Unit 5.4** 4 lessons	**Logo (Y4) Unit 4.5** 4 lessons **Concept Mapping (Y5) Unit 5.7** 4 lessons	**Hardware Investigators (Y4) Unit 4.8** 2 lessons **Spreadsheets(Y3456)**
E-Safety	**Online Safety Unit 4.2** Lessons 1 and 2	**Online Safety Unit 3.2** Lesson 3 **Unit 5.2** Lesson 1 and 2	**Online Safety Unit 5.2** Lessons 3 and 4
Year D	Coding (Y3456) **Text Adventures (Y6) Unit 6.5** 5 lessons	**Game Creator (Y5) Unit 5.5** 5 lessons **Email (Y3) Unit 3.5** 6 lessons	**Graphing (Y3) Unit 3.8** 3 lessons **Networks (Y6) Unit 6.6** 3 lessons **Spreadsheets (Y3456)**
E-Safety	**Online Safety Unit 4.2** Lessons 1 and 2	**Online Safety Unit 4.2** Lessons 3 and 4	**Online Safety Unit 6.3** **3 lessons**

Coding will be taught in KS1 as per the two units. This will give children a basic level of Coding and what they need to do.

Coding

Coding will be taught in Key Stage 1 as per the two units. This will give the children a basic level of understanding on Coding and what they need to do.

On entering KS2 Coding will be delivered in a different manner:
The children will start in Y3 on the following:
They will work through the series of challenges which include explanations and instructions. Each lesson / task that they complete will be date on the record sheet which will be kept in their Computing book. This will move through school with them as they progress through KS2.

Chimp:
Gibbon:
Coding Principles:
Gorilla:
More Debug challenges:
2code planner:

The teacher can support individuals when they are stuck with their learning. Through tracking, the children will know where they need to start each Autumn term when they start with Coding.

The number of coding lessons will be based on the other Units for the Autumn term and the E-safety lesson.

Spreadsheets

The spreadsheet units will be taught in the summer term. These lessons will be delivered at the appropriate age and tasks assigned through the use of 2Dos.