



Edenfield C E Primary School

Medium Term Plan - Sequence and Progression

Subject: Computing

Unit: Year 3 – Programming 1

Key Vocabulary

- Programming
- Code
- Sequence
- Algorithms
- Debug
- Logic
- Reasoning
- Repetition
- Error

Lesson Sequence

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| 1. LO: To identify what an algorithm is |
| 2. LO: To begin to use sequences in a program |
| 3. LO: To create a simple algorithm for a purpose |
| 4. LO: To understand how to debug a program |
| 5. LO: To use logical reasoning to correct errors |
| 6. LO: To use repetition in sequence |
| 7. |
| 8. |
| 9. |

Skills

- Write programs that accomplish specific goals.
- Use sequence in programs.
- Read what a sequence in a program does.
- Create programs that implement algorithms to achieve specific goals.
- Debug programs that accomplish specific goals through self and peer assessment.
- Use logical reasoning to detect and correct errors in programs.
- Use sequence and repetition.

By the end of the unit pupil will know:

- Understand how to plan and write programs that accomplish specific goals.
- Know what debugging is and how it can be used to achieve specific goals.
- Understand what the term sequence and repetition means.
- Understand how to use logical reasoning to detect errors in programs.
- Understand how to use logical reasoning to correct errors in programs.