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| **Subject** | Computing |
| **Year Group** | Year 1 |

**Knowledge**
**Essential facts (Directly correlating to NC document)**
**Key vocabulary / technical terms**

**Children will know:**

**Algorithms and programs**

- The meaning of the words left, right, forward and backwards.
- Learn to follow instructions in a specific sequence.
- How to make a floor turtle (Physical) move using directional keys.
- Learn how to make a turtle (Physical) move to follow a path or to create a shape by creating a sequence of instructions (directions)

**Data Retrieving and Organising**

- Learn why we collect data.
- How we can collect data using a simple chart, and discuss findings.
- Learn how to enter data into a programme to create a pictogram (present findings).
- Use the pictogram to answer questions E.g. which one was the favourite? Which was one the least favourite?

**Using Technology**

- Learn that there is a wide range of technology beyond computers and tablets (control technology).
- Begin to name technology (E.g. washing machines, light, switches, zebra crossings, til)
- Use different pieces of technology and talk about its uses.
- Learn how to sign in using a username and password (using a Keyboard)

**E-safety**

Learn the meaning of inappropriate.
Learn what to do when something inappropriate appears /happens, who to go to. Learn the schools E-Safety rules.