

Inspiring and enabling our school community to live life to the full



YEAR 1

**Subject: Computing
Data and information**

We aim to equip pupils to use computational thinking and creativity to understand and change the world; to become digitally literate –using, and expressing themselves and developing their ideas through, information and communication technology. They will build on this knowledge and understanding, becoming equipped to use information technology to create programs, systems and a range of content– at a level suitable for the future workplace and as active participants in a digital world

**Characteristics of an Effective
Learner**

Courage
Commitment
Collaboration
Creativity
Curiosity

Prior Learning:

Children have the opportunity to explore and engage with technology in Reception through both teacher led activities and continuous provision.

Object, label, group, search, image, property, colour, size, shape, value, colour, data set, more, less, most, fewest, the same

Intent: What do we want the children to know, be able to do by the time they complete this unit?

Use technology purposefully to create, organise, store, manipulate and retrieve digital content

Progress their knowledge of parts of a computer and develop basic skills needed to effectively use a computer keyboard and mouse. The key skills covered are adding and removing text; using basic formatting tools such as bold, italic, and underline; using click and drag to select text; and changing the font of text

Recognise common uses of information technology beyond school

Know that work they create belongs to them.

Use technology safely and respectfully, keeping personal information private

To be able to give reasons why they should only share information with people they choose to and can trust.

Impact / Outcome:

What will the final product / result be?

This unit introduces learners to data and information. It will introduce learners to the concept of labelling and grouping objects based on their properties. Learners will develop their understanding that objects can be given labels, which is fundamental to their future learning concerning databases and spreadsheets. In addition, learners will begin to improve their ability to use dragging and dropping skills on a device. Following this unit, in year 2, learners will present data graphically in pictograms.

P4C Inquiry (where appropriate) N/A