

Leintwardine Endowed CE Primary School Learning Journey Itinerary

'Letting Our Light Shine'

SUBJECT : Computing

YEAR : B

TERM : Autumn 2

YEAR GROUPS : 1/2

**Key Question: How is technology used beyond our school?
How can computers help us to group and sort information?**

Previous Knowledge – We would expect children to already be able to:

Have used iPads before.

Log onto Purplemash

Know that it is important to stay safe online (Internet safety days)

Know that computers follow instructions (Lego builders unit)

END OF UNIT OBJECTIVES

Some children will not yet have met what is expected and will show that they are **emerging** because they can:

Most children will show that they have reached the **expected** level because they can:

Some children will have gone beyond the expected level and will show that they are **exceeding** because they can:

With support, understand what is meant by technology and can identify a limited number of examples both in and out of school.

With support, children can physically sort items using a limited number of given criteria

Understand what is meant by technology and can identify a variety of examples both in and out of school.

Contribute to discussion showing that they have a good understanding about the technological devices in use in their daily lives and how some of these facilitate communication of a variety of formats.

Explain at a basic level that we should treat others politely regardless of the means of communication.

Compare the speed and ease of technology to non-technological actions e.g., e-mail, buying an app or painting on screen.

Physically sort, collate, edit, present, search through, re-order and re-structure items using a range of given criteria both with and without a computer

Sort physical and digital objects using a range of criteria e.g., shape: Number of sides, colour, equal length sides etc.

Understand what is meant by technology and can identify a variety of examples both in and out of school.

Explain why a certain technology has been chosen as a solution to a specific problem

Demonstrate their depth of understanding by creating their own criteria for items against which they can physically sort, collate, edit, present, search through, re-order and re-structure and explain their reasoning
Using Purple Mash, children can also sort items into Venn diagrams

ASSESSMENT OPPORTUNITIES

Observations of children at work, printed work, saved work

ENRICHMENT OPPORTUNITIES

Helping children to remember more

using ipads across the curriculum

Visiting businesses in the local area to explore their use of technology

SUBJECT SPECIFIC VOCABULARY

technology

inventions

computers

modern

old

business

sort

criteria

more than

less than

equal

groups

CROSS-CURRICULAR

LINKS

Links that we can make to help children make sense of what we want them to know and be able to do.

PSHE – Staying safe