



Holy Family Halewood
Foundation Stage
Understanding the World - Computing
Reception



Themes covered during the term:

- **Computer Science:** Nursery Rhyme Coding
- **Digital Literacy:** Technology and Me

Learning objectives:

Understanding the World: People and communities, the world and technology.

Support children in experiencing a range of technologies – using cameras, photocopiers, CD players, tape recorders and programmable toys, in addition to computers.

Computer Science:

- I can explain an algorithm.
- I can explain sequencing.
- I can give instructions to a programmable toy.

Digital Literacy:

- I can discuss the use of technology in the world around me.
- I understand that people can talk to each other (communication) online.
- I can use a search engine.
- I can discuss the rules for staying safe online.
- I know online content is made and belongs to someone.

Core Vocabulary

- Computer
- Ipad
- Sequence
- Instruction
- program
- Mouse
- Keyboard
- move
- Press
- Click

Learning Opportunities

- Sequence a simple Nursery Rhyme / story
- Sequence a simple set of instructions
- Move objects on a screen
- Control a toy using a remote control
- Give an instruction to a programmable toy
- 'Curiosity cube' – housing variety of technological and equipment, including keyboard / remote control
- Digital Library

Yearly events during the term that support themes:

- Martin Luther King Day
- Islam
- Hinduism
- Easter



Continuous Provision:

Equipment and resources continuously available to support Technology:

- ipads
- Digital Library
- Real artefacts (remote control/laptop/keyboard) in Home corner

Children's Interests:

Examples of children's interest to support these objectives and themes could include:

- Cbeebies
- Nursery rhymes
- Traditional tales
- Robots
- Simple programmable toys