

# Newquay Primary Academy –Autumn Term 1 Sequence– Computing



## RECEPTION

Prior knowledge...

## YEAR 1

### Technology around us

Prior knowledge...

In EYFS children have experienced using I pads and used various programs on the interactive white board.

## YEAR 2

### Information and technology around us

Prior knowledge...

Children will know the different parts of a computer and will have developed the basic skills needed to effectively use a computer keyboard and mouse.

## INTENT

Children will develop their understanding of technology and how it can help them in their everyday lives. They will start to become familiar with the different components of a computer by developing their keyboard and mouse skills. Children will also consider how to use technology responsibly.

Learners will develop their understanding of what information technology (IT) is and will begin to identify examples. They will discuss where they have seen IT in school and beyond, in settings such as shops, hospitals, and libraries. Learners will then investigate how IT improves our world, and they will learn about the importance of using IT responsibly.

## VOCABULARY / STICKY KNOWLEDGE

Technology, computer, laptop, mouse, keyboard, type, edit, text, responsibly, safety

IT, safety, responsibly,

## SEQUENCE OF LESSONS

1. Internet safety- Online Bullying - I can describe how to behave online in ways that do not upset others and can give examples.
2. Technology around us
3. Using technology
4. Developing mouse skills
5. Using a computer and keyboard
6. Developing keyboard skills
7. Using a computer responsibly

1. Internet safety
2. What is IT?
3. IT in school
4. IT in the world
5. The benefits of IT
6. Using IT safely
7. Using IT in different ways

## OUTCOME / COMPOSITE

Children will build their knowledge of parts of a computer and develop the basic skills needed to effectively use a computer keyboard and mouse.

Children will develop their understanding of technology and how they interact with it. They will be able to identify common features of IT and have a deeper understanding of using technology safely and responsibly.