

# BRUNSHAW PRIMARY SCHOOL



Inspiring children to be resilient and aspirational learners, within a positive and considerate community

**Subject: Computing**

**Year group: 2 Term: Autumn 1**

**Title: IT around us**

## What should I already know?

- Examples of technology include mobile phones, computers, cars and washing machines
- Technology often helps us to do things easier and faster
- A computer is an example of technology
- A keyboard is for entering text, numbers and functions into a computer
- A computer stores work in files
- There are rules to keep us safe and healthy when we are using technology in and beyond the home

## Facts I will learn

- Computers used in school include desktops, tablets, printers, cameras and interactive whiteboards
- A computer is a part of information technology
- IT can be used for a wide range of purposes, including creating, sending and storing information, as well as for communication
- Rules should be followed when using IT to protect ourselves and others
- IT can often perform tasks faster, easier and more accurately than people can
- We need to consider our physical and mental health when using technology and ensure we are mindful about how much time we spend using IT

## Key questions

- What is IT?
- How is IT used in school?
- How is IT used in the wider world?
- How does IT help us?
- How can IT be used safely?
- What choices are made when using IT?

## Key Skills

- To describe some uses of computers
- To identify information technology in school
- To identify information technology beyond school
- To show how to use information technology safely

## Experiences that school will provide

- Using IT for a range of real-life situations
- Use of a range of hardware and software

## Key vocab

## Definition

<b>Information Technology (IT)</b>	Technology that is used to create, store, use and send information.
<b>Computer</b>	A device for working with information
<b>Barcode</b>	A small image of lines/bars to identify a product

<p><b>Web links</b></p> <ul style="list-style-type: none"><li>• <a href="#">Smartie the Penguin   Childnet</a> A story to teach children aged 3 – 7 how to be safe on the internet</li><li>• <a href="#">What is digital technology? - BBC Bitesize</a> Information on different types of digital technologies and where and how they are used</li></ul>	<p><b>Experiences that could be provided at home</b></p> <p>Write a timetable of your week, including activities that you do before and after school and at weekends. How do you use IT in different ways? Are you doing a range of different types of activities? Could you substitute any of your IT time with face-to-face interactions?</p>	<table><tr><td><b>Scanner/scan</b></td><td>A device which converts an image into information which can be read by a computer</td></tr><tr><td colspan="2"></td></tr></table>	<b>Scanner/scan</b>	A device which converts an image into information which can be read by a computer		
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