

## Computing in EYFS

Computing in the EYFS encourages children to find out and identify the uses of everyday technology, such as office equipment, music keyboards, alarms and programmable toys. Children also practise what they have learnt by using the technology.

In early years computing they will gain a range of skills widely applicable in life, such as cognitive, coordination, literacy and numeracy skills.

Computing is taught through the Specific Area, **Understanding the World**, and is made up of 3 aspects, The World, People and Communities and Technology.

Below are the statements for Specific Area of the EYFS curriculum, **Technology**. Through carefully planned activities, chosen by us, activities based around the interests of the children and children working and exploring independently they will develop their computing knowledge and skills.

### 30-50 months

- Knows how to operate simple equipment, e.g. turns on CD player and uses remote control. [L]  
[SEP]
- Shows an interest in technological toys with knobs or pulleys, or real objects such as cameras or mobile phones. [L]  
[SEP]
- Shows skill in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movements or new images. [L]  
[SEP]
- Knows that information can be retrieved from computers [L]  
[SEP]

### 40-60 months

- Completes a simple program on a computer.
- Uses ICT hardware to interact with age-appropriate computer software.

### Early Learning Goal

- Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.

### Exceeding

- Children find out about and use a range of everyday technology. They select appropriate applications that support an identified need, for example in deciding how best to make a record of a special event in their lives, such as a journey on a steam train.

## Reception ~ Year Overview

Below are our topics for the year and the probable objectives covered in each topic, alongside these already decided topics the children choose activities that interest them.

We also have many ongoing activities, which develop the children's technological skills independently e.g. our technology area with iPads, listening centre, access to our IWB, putting the music on for tidy up, cameras and mobile phones in the home corner.

### Autumn 1

#### Myself and my family

(40-60 Completes a simple program on a computer.

40-60 Uses ICT hardware to interact with age-appropriate computer software. )

#### Minibeasts

(30-50 Knows that information can be retrieved from computers)

### Autumn 2

#### PWP We're Going on a Bear Hunt

#### Visit Riverside Organics farm

#### NF Recount of our trip to Riverside Farm

(30-50 Knows that information can be retrieved from computers)

#### Bears and Christmas

(40-60 Completes a simple program on a computer.

40-60 Uses ICT hardware to interact with age-appropriate computer software. )

#### Teddy Bear Week

(40-60 Completes a simple program on a computer.

40-60 Uses ICT hardware to interact with age-appropriate computer software. )

### Spring 1

#### PWP Little Red Hen

#### Visit Bunbury Mill

#### NF How to make bread

#### People who help us visit from lollipop lady, nurse, doctor, dentist, and librarian

(30-50 Knows that information can be retrieved from computers)

#### Superhero Week

(40-60 Completes a simple program on a computer.

40-60 Uses ICT hardware to interact with age-appropriate computer software. )

### Spring 2

**PWP The Very Hungry Caterpillar**

**Visit Tesco**

**NF Shopping list**

**Growth and Life Cycles**

(40-60 Completes a simple program on a computer.

40-60 Uses ICT hardware to interact with age-appropriate computer software.

ELG Children recognise that a range of technology is used in places such as homes and schools.

They select and use technology for particular purposes.)

**Dinosaur Week**

**Summer 1**

**PWP Dear Zoo**

**Visit Chester Zoo**

(30-50 Knows that information can be retrieved from computers.

ELG Children recognise that a range of technology is used in places such as homes and schools.

They select and use technology for particular purposes.)

**NF Recount of our trip to Zoo**

**Animals**

(ELG Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.)

**Enhancement Week (children to choose)**

**Summer 2**

**PWP At the End of the Rainbow**

**Visit Llandudno, walk to Moss Farm park**

(ELG Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.)

**NF Our Class Trip to the Beach**

(ELG Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.)

**Weather**

(ELG Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.)

**Pirate Week**

(ELG Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.)

During the summer term we start to look at the Exceeding statement (Children find out about and use a range of everyday technology. They select appropriate applications that support an identified need, for example in deciding how best to make a record of a special event in their lives, such as a journey on a steam train) and encourage children to work towards this.