

Knowledge Organiser

Understanding the World

Links to Computing

Vocabulary

Key knowledge (taught but not limited to)

Mouse
 Keyboard
 Monitor
 Cursor
 Screen
 Ipad
 Computer
 Program
 Printer
 Hardware
 Memory
 stick

- A computer can be used in many ways – playing games, researching information, storing information, etc.
- Hardware is the name for the parts of the computer that we can see and touch. A desktop computer has a mouse, keyboard, and a monitor
- We can store information on a memory stick



- A mouse controls a cursor that can select, point and move things on the screen.
- A computer program makes a computer do different things. Computer programs gives computers instructions eg. Games, Google, Word etc.



- A printer prints text, photos and pictures from the computer



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Key knowledge (taught but not limited to)

Email

- Emails are messages which can be in pictures, sound and text



- There are rules to help us keep safe when online (E-safety)



- Emails can be sent electronically over distances and people can reply to them



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Vocabulary

Key knowledge (taught but not limited to)

Click
Drag
Mouse
Tools
Colours
Cursor

- We can use computers to produce art



- Images can be moved around the screen by clicking and dragging the mouse

- There are a range of tools to give different effects when using a painting package



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Vocabulary

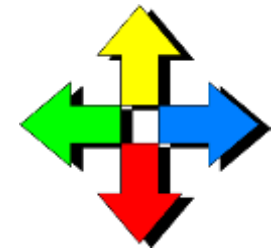
Key knowledge (taught but not limited to)

Control
 Program
 Forwards
 Backwards
 Right
 Left
 Sequencing
 Program
 Direction
 Coding

- Instructions tell us how something can be done and can be sequenced
- Instructions need to be given in a correct order



- Directional language are words are used to help us follow direction forwards, backwards



eg

- We can input simple directional instructions into a robot to make it move



- Coding is when we give instructions to a computer to do a task

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Vocabulary

Key knowledge (taught but not limited to)

Camera
Ipad
Computer
Photograph
Image
Video

- Cameras and computers can store pictures



- Photographs can be taken on a cameras and Ipads by pressing a button



- Playback devices allow us to hear music after it has been played eg DVD's, CD players, computers, televisions, phones



- Recording devices such as cameras and Ipads capture moments and sounds, which can be played back



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Key knowledge (taught but not limited to)

Edit
Image
Video
Camera
IPad

- Photographs and video can be edited on cameras and Ipad



Knowledge Organiser

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Links to Science:

Everyday materials

Seasonal Changes

Animals including humans

Vocabulary

Key knowledge (taught but not limited to)

Environment

Global warming

Ice

Glacier

Melt

Water

Habitat

Summer

- there are environmental changes in Summer – the weather gets warmer, flowers and plants grow, days are longer



- animals live in different habitats around the world including hot and cold places



- There are environmental changes that are happening due to global warming – the world is getting warmer, ice and glaciers are melting, animal habitats are being destroyed
- we can help to look after our planet by reducing, re-using, recycling and not littering



- that ice melts when it is warmed up

