



Abercarn Primary School

Termly ICT Topic – Reception Overview



Autumn Term 1

Communicating

- Use computers in role play Identify some parts of the computer switch on the computer
- Understand the positions of letters and numbers on the keyboard Use keys to type letters and numbers
- Locate correct keys when typing recognise full stops, space bar and shift keys
- Develop independent mouse control (simple drag and drop)
- Match all letters and words to pictures (Drag and drop)
 - Use a simple word bank
- Explore ways to communicate ideas using words, pictures and symbols with increasing independence
- Begin to save work using a simple program

Autumn Term 2

Creative Multimedia

- Interact with multimedia presentations created for cross curricular purposes e.g. CD ROMs, internet pages, PowerPoint, videos
- Use photographic devices in role play and begin to take photographs
- Use video devices in role play
- Record their voice with support from an adult
- Interact and explore their environment using multimedia equipment e.g. digital microscopes, cameras, video equipment, iPads, cameras etc. supported

Spring Term 1

Databases

- Independently drag and drop objects to sort
- Type simple words with support relating to the topic
- Gather and record information on a simple graphing program with support
- Begin to identify information as text or numbers



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Spring Term 2

Modelling

- Explore simple programs independently using real world represented in technology.
- With support, create a simple printable model that can be constructed e.g 2Design printed 2D animal mask or template of a car

Summer Term 1

Coding

- Program a roamer to move to a given location by programming multiple commands
- Use prepositions to describe position
- Begin to understand that programs can be written
- Program a roamer to move to a given location by programming multiple commands

Summer Term 2

Exchanging & Sharing Information

- Develop a greater understanding that messages are communicated over the internet
- To raise awareness of safety issues inc. stranger danger e.g. NSPCC/ www.kidsmart.co.uk.
- Begin to understand ownership over work they have created