



Abercarn Primary School

Termly ICT Topic – Year 1 Overview



Autumn Term 1

Communicating

- Name and understand the basic parts of a computer.
 - Switch on computer.
- Understand the layout of a keyboard.
- Identify and use caps lock, shift key, back space, enter/return, spacebar, delete key.
- Use the arrow keys and scroll bar to move around text.
- Mouse Control- drag and drop objects with increasing accuracy.
 - Use letter keys to type words and short sentences correctly
- Use a word bank. E.g. virtual, classroom scaffolds
 - Insert picture from a picture bank.
 - Save work locally, with support

Autumn Term 2

Databases

- Explore, with support, different types of information held on ICT systems.
- Identify information as text or numbers.
- Type words or sentences into a single field.
- Gather and record information on a simple graphing program.

Spring Term 1

Creative Multimedia

- Begin to use hyperlinks to navigate a multimedia presentation created for cross curricular purposes (web based, 2 SIMPLE Software, PowerPoint etc)
 - Take photographs using a simple device
 - Record video using a simple device
 - Independently record their own voice on a simple app
 - Begin to record audio using relevant software e.g. 2 Simple - 2 Create, Yakit



Abercarn Primary School

Termly ICT Topic – Year 1 Overview



Spring Term 2

Coding

- Program a roamer to move to a given location by programming the whole journey before beginning
- Describe position, direction and movement
- Using a roamer, create a program and discuss how they programmed the roamer
- Plan out a virtual roamer's program on paper. Discuss the plan using simple terms

Summer Term 1

Modelling

- To understand computers can represent real or fantasy situations
- Use an art package or drag and drop software to create a representation of a real or a fantasy situation
 - To understand computer representation allows the user to make choices and that different decisions produce different outcomes
- Play simple games or complete quizzes and discuss the rules
- Independently, create a simple printable model and with support, construct the 3D model.

Summer Term 2

Exchanging & Sharing Information

- To be aware of email addresses.
- Type an email using a simplified program.
- To understand that emails can be received.
- Use an internet browser independently.
- Use hyperlinks to navigate a particular website.
- Understand that the internet contains information .