Abercarn Primary School

Termly ICT Topic — Year 3 Overview

Autumn Term 1

Communicating

- Introduce a word processor e.g. Microsoft Word or Pages and Publishing software e.g. Microsoft Publisher.
  - Select appropriate filenames.
  - Edit work and update the saved file.
  - Distinguish between caps lock and shift.
  - Change font type, size and style.
- Insert clipart and Wordart to enhance work.
- Highlight text, and use cut, copy and paste.
  - Become selective about printing.
  - Insert images from a file
- Use End and Home to move to the beginning and end of lines.
  - Save locally independently with a suitable filename. Begin to save to a network or the cloud.
- Accept an invite to collaborate on a document and edit at the same time.

Autumn Term 2

Modelling

- Use a spreadsheet to store information.
- Read information from a spreadsheet and discuss the information.
  - Add two cells to give a total.
- Highlight information and create a bar chart.
  - With support, add borders and shading.
- With support, use software to create landscapes and add objects
- Design a simple game and write rules to accompany it.

Spring Term 1

Coding

- Write a simple algorithm for a real world situation to represent a sequence of instructions.
- Using a simplified programming environment, program several sprites to move on command.
- Debug code to identify errors when trying to make a sprite move in a simplified programming environment.
- Using example code, create a character, number or text that changes over time.
- With support, follow pre- prepared instructions to create a simple animation or game using a simplified programming environment.

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Spring Term 2

Creative Multimedia

- Describe and study a variety of styles of presentation.

- Know how to create and edit a presentation by adding, deleting and re-organising slides.

- Begin to insert text boxes, graphics, sounds and video files into a presentation.

- Create a presentation structure from examples given.

- Add images and crop to a suitable size

- Use their presentation to present ideas to an audience.

- Accept an invite to collaborate on a document and edit at the same time.

- Independently record video and import into a movie editor on the same device.

- Create a movie using images.

- Explore an animation program and experiment with photographing scenes to create stop animation.

- With support, upload to an online drive and create a QR code or other sharing method.

Summer Term 1

Databases

- Perform a simple search on a branching database.

- Ask questions to classify objects into equal groups.

- Create a branching database using a prepared structure.

- Begin to decide what information to collect for a database and make sure the information is valid.

- Be able to describe databases in the context of record cards..

- Independently add data to a database from raw data.

- Search the database using a single query.

- Print a branching database.

Summer Term 2

Excchanging & Sharing Information

- Independently create an e-mail, enter an e-mail address, type a message and send an e-mail.

- With support, read and reply to received e-mail.

- With support, open a received attachment.

- To demonstrate correct use of the internet, mobile phones and chat rooms.

- To understand what a Virtual Learning Environment (VLE) is and use one with support

- Search for specific information on the internet using key words.

- Begin to discuss the effectiveness of their searches.

- Begin to recognise that not all information on the internet is accurate.

- Understand why we use passwords and the importance of keeping them private.

- Begin to understand that digital content online is owned by real people