Year 5 - Computing

Knowledge, Skills and Understanding 2018/19



Coding, Robotics and Gaming

- I can use functions to control the movement of sprites
- I know how to code my program to respond to user input from the keyboard.
- I can think in a logical way to make my program work effectively
- I understand the function of the coding blocks within the algorithm.
- I can debug a sequence to correct errors.

Collecting, exploring and recording data

- I can use an online data collection form and enter data accurately.
- I know how to check for and spot inaccurate data.
- I know which formulas to use to calculate number information
- I can make graphs from the data.
- I can select information to support a point of view.
- I can sort and filter information

Create and share digital artefacts

- I know which kind of App or Program I need to use.
- I can organise my files into folders
- I can import and export file to the desired type.
- I know how to add sound to my book
- I can prepare media in different apps or programs.

Digital Communications and the web

- I know how to use a social networking tool appropriately.
- I know which personal information I should use online.
- I can comment and interact with peers appropriately in online communications.
- I can create, upload and amend digital content for online publication.
- I can limit / block other online users from viewing my profile data.

Problem solving and real world tech

- I can create a 3D model of a real object.
- I can use accurate measurements to recreate the model
- I know how to create separate elements of a 3D model for each of its surfaces

Produce, edit and publish media

- I can plan & sequence content in a document.
- I know how to lay out my document to suit its purpose.
- I can change images to enhance the effect.
- I am can select vocabulary to match audience and content.
- I can combine text and image effectively to contribute to a Document.