

# Computing spiral curriculum overview

Blue  
Phase

**Multimedia** – Animation – Can utilise the onion tool to create animation. Understand how a simple flick book works.

**Key knowledge and Skills** – Word Processing – typing speed and accuracy, understand the purpose of technology and make appropriate choices about which technology to plan and use.

**Programming** - 2 code and scratch junior- coding – to create and play games by writing algorithm.

**Multi media** – E mail – to open and respond to emails, to use an address book and to add an attachment.

**Online Safety** – Online bullying, self-image & identity, privacy and security, online relationships, copyrights and ownership, managing online information. To know people online may not be who they say they are.

Yellow  
Phase

**Key knowledge and skills** – Logging on/off, word processing, online safety, using a keyboard and mouse, launching an application and printing.

**Presentation knowledge and skills** – PowerPoint, multimedia – 2 sequence – change the appearance of text to increase its effectiveness.

**Programming** – Scratch junior – I pads – follow precise instruction and predict what will happen. Begin editing or adding.

**Online Safety** – Privacy & security, managing online information, online reputation & bullying, health, well-being and lifestyle. Explain the difference between acceptable and unacceptable behaviour when using technology.

Red  
Phase

**Programming** – Beebots – controlling a device, creating instructions and planning instructions.

**Technology in our lives** – Recognising different technology at home, at school and in the environment. Understand the purpose of the internet.

**Data handling** – Collect data, generate graphs and take photographs/ videos.

**Key skills** – Logging on and off, mouse control and saving/ printing work.

**Multimedia** – paint tools to create a picture – drag and drop and add text.

**Online Safety** – Privacy & security, online relationships, self-image & identity. Know where to go for help.

EYFS  
Purple  
Class

**Shows interest in simple mechanisms.** Including buttons, flaps, switches, cause & effect, use whiteboard/Ipad for mark making activities, using headphones & exploring ICT equipment.