COMPUTING

Year group: 3/4

Term: Summer 2025

The children will have a weekly one-hour lesson in the Computing suite where they will develop their Information Technology, Computer Science and Digital Literacy skills using a range of apps and software packages. There will be additional and frequent opportunities to apply their IT skills across the curriculum and to learn how to stay safe online.

Prior knowledge

Children will know internet safety rules, including understanding different forms of communication and that personal information should not be shared online and that they must report anything concerning to a trusted adult. They will understand about trusted and appropriate content and sources of information. They will recognise the importance of balancing screen-time to assist mental and physical well-being.

They will be able to log on, load digital work, research information create some content,

They will be able to create a program using an algorithm following a timed sequence and will begun to debug simple programs.

National Curriculum Objectives

NC objectives

Use search technologies effectively and be discerning in evaluating digital content

Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

Use technology safely, respectfully and responsibly; recognise acceptable and unacceptable behaviour; identify a range of ways to report concerns about content and contact. online technologies

Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration

By the end of this unit, I will be able to:

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Information Technology

Search for an image, then copy and paste it into a document.

Use 'Save picture as to save an image to the computer.

Copy and paste text into a document

To recognise search tools to find and use appropriate website

Understand that not all online images should be used

Understand that information is not always reliable

Understand that key words can help to search safely on the internet

Use " " to narrow my search

Understand that I should check the images, news and video results as well as the regular search results

To format cells as currency, percentage, decimal to different decimal places or fraction.

To use a spreadsheet to model a reallife situation.

To add a formula to a cell to automatically make a calculation in that cell.

To consider what simulations are.

To explore a simulation.

To analyse and evaluate a simulation.

Keeping Safe

Recognise that passwords protect my reputation and the information that I consider important.

Be able to suggest methods for keeping password safe and secure.

I can explain how the internet can be used to sell and buy things

Key vocabulary

age appropriate content, attach, copy & paste, copyright, , digital content, download, e-safety rules, personal information, open, private, privacy settings, parental controls, present data, resize, secure, spell check, upload,