

INTERMEDIATE SPREADSHEETS – OVERVIEW

Overview

This unit will develop students' understanding of using a variety of software to analyse, evaluate and present data and information. The unit will develop students' understanding of spreadsheets.

In this unit, students will learn what a spreadsheet is used for. They will learn how to enter and format data in cells, use simple formulae, organise data in tables, create simple charts and interpret results.

National Curriculum

The areas of the National Curriculum and the key computing concepts covered in this unit are outlined in the table below:

Knowledge and understanding	Computing concepts
Select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content that accomplish specific goals.	Data and information – understanding how data can be structured in tables.
Collect, analyse, evaluate and present data and information.	Abstraction and modelling – model real world scenarios and see how changes affect outcomes.
Debug programs that accomplish specific goals.	Debugging – testing formulas and use logical reasoning to explain their output.
Use technology safely, respectfully and responsibly.	Digital literacy – understand how to behave responsibly when using digital devices.

The Computing Curriculum

Where the knowledge and understanding developed in this unit fits into the computing curriculum is outlined in the table below:

Prior Learning	Future Learning
EYFS Unit: Paint software	Year 5 Unit: Blogging
EYFS Unit: Unplugged pictograms and branching databases	Year 5 Unit: Surveying data
Year 1 Unit: Digital Images	Year 6 Unit: Artificial Intelligence
Year 1 Unit: Introduction to data	Year 6 Unit: Power BI
Year 2 Unit: Word Processing	
Year 2 Unit: Introduction to presenting data	
Year 3 Unit: Presentations	
Year 3 Unit: Introduction to spreadsheets	

Cross-curricular links and extension activities

This unit provides opportunities for cross-curricular links in maths through calculations such as averages, data handling, logic and problem solving. It provides links with English through clear

presentation of findings and interpreting information. It provides links with PSHE through decision making with real-world scenarios like budget planning and comparison of outcomes.