

 South Farnham School <i>The Continual Pursuit of Excellence</i> Part of the South Farnham Educational Trust	Computing Subject Knowledge Organiser		
	Spring Term	Year 6	Strands covered: Computer Science

What Prior Knowledge should pupils have?

- Saving and retrieving documents.
- Using the Microsoft Office suite to create present digital content.
- Navigating the operator system using the mouse and keyboard.

What skills will pupils learn? (Disciplinary Knowledge)

- Formulating closed and open-ended survey questions.
- Analysing and interpreting data.
- Presenting data using graphs, tables, and PowerPoint.
- Reflecting on the effectiveness of the survey process and suggesting improvements.
- Conducting interviews and focus groups.
- Engaging in critical evaluation and reflection.

What key knowledge will be taught? (Substantive Knowledge)

- Pupils will learn to create an appropriate set of survey questions.
- They will understand different types of questions and the data they generate.
- Pupils will collect and collate data from the survey for further analysis.
- They will learn to present the data using graphs and tables in Excel or PowerPoint.
- Pupils will analyse and interpret the data obtained from the survey.

Key Vocabulary	Definition
Survey	A method of collecting data or information from a group of people through a set of questions.
Closed questions	Questions that can be answered with specific choices or a simple "yes" or "no."
Open questions	Questions that allow for a variety of responses and encourage detailed answers.
Data	Facts, statistics, or information collected for analysis.
Interpret	To explain or make sense of data or information.
Collate	To collect and organize information or data into a structured form.
Graphs	Visual representations of data, often using bars, lines, or pie charts to show relationships or patterns.

Online Safety

- When conducting surveys, it is important to consider and reinforce online safety principles, such as protecting personal information and conducting interactions in a respectful and responsible manner.
- This can include discussions about digital ethics during the lessons to ensure Pupils understand the importance of privacy and responsible behavior in online data collection and sharing.