



# St John Fisher RC Primary School

## Year Six Knowledge Organiser – Summer Two – Computing – Data Handling

What we will be learning	Key Facts to Remember	
<p><b>Weeks 1 - 4</b>  <b>I know:</b></p> <ul style="list-style-type: none"> <li>• How to use spreadsheets and basic data entry using numbers.</li> <li>• How to write simple formulas in a spreadsheet.</li> <li>• How to use advanced spreadsheet formulas and functions.</li> <li>• How to use data visualization with charts.</li> <li>• How to create a simple online quiz using Kahoot.</li> <li>• How to enrich online quizzes with multimedia.</li> </ul>	<ul style="list-style-type: none"> <li>• I understand the basic concepts of spreadsheets, including rows, columns, and cells.</li> <li>• I can input and organise data effectively in a spreadsheet.</li> <li>• I can write simple formulas to perform basic calculations, such as addition, subtraction, multiplication, and division.</li> <li>• I can use advanced functions like COUNT, AVERAGE, and MAX to analyse data.</li> <li>• I can create and interpret various types of charts to visualise data clearly.</li> <li>• I understand the steps to create a quiz using Kahoot, including adding questions and answer options.</li> <li>• I can enrich online quizzes with multimedia elements like images, videos, and sound.</li> <li>• I can evaluate the effectiveness of a quiz based on how engaging and informative it is for participants.</li> </ul>	
<b>Key Vocabulary and Glossary</b>		<b>Interesting Facts</b>
<ul style="list-style-type: none"> <li>• <b>Spreadsheet</b> - A digital tool that allows users to organise, analyse, and store data in rows and columns.</li> <li>• <b>Cell</b> - The individual box where a row and a column meet in a spreadsheet.</li> <li>• <b>Row</b> - A horizontal line of cells in a spreadsheet.</li> <li>• <b>Column</b> - A vertical line of cells in a spreadsheet.</li> <li>• <b>Formula</b> - A mathematical expression used to calculate values in a spreadsheet.</li> <li>• <b>Function</b> - A pre-defined formula that performs specific calculations using the data in the cells.</li> <li>• <b>Data Visualisation</b> - The graphical representation of data, making it easier to understand patterns and trends.</li> <li>• <b>Chart</b> - A visual display of data, such as bar charts, line graphs, or pie charts.</li> <li>• <b>Multimedia</b> - Content that uses a combination of different forms such as text, audio, images, and video.</li> <li>• <b>Quiz</b> - A set of questions designed to test knowledge on a particular subject.</li> </ul>		<ul style="list-style-type: none"> <li>• Spreadsheets are used by businesses for everything from budgeting to forecasting sales.</li> <li>• Excel has over 400 functions and formulas that can help analyse data in multiple ways.</li> <li>• Kahoot! was first launched in 2013 and quickly became popular in classrooms around the world.</li> <li>• Data visualisation can help companies make decisions based on patterns and trends in their data.</li> <li>• The word "spreadsheet" originally referred to paper accounting sheets that were spread out for calculations before digital formats became common.</li> </ul>

Theme	Apps & Software						
<p><b>The Countries Hosting Our World's Refugees</b></p>	<p><b>Refugees</b>            A refugee is someone who has been forced to leave their country because of a well-founded fear of persecution for reasons of race, religion, nationality, membership of a particular social group, or political opinion.</p>		<p><b>Kahoot!</b>            Kahoot! is a game-based learning platform that makes it easy to create, share and play learning games or trivia quizzes in minutes.</p>		<p><b>Numbers</b>            Numbers is a spreadsheet application developed by Apple. It's designed for creating and manipulating spreadsheets.</p>		<p><b>SeeSaw</b>            An educational platform that can be used to create an electronic portfolio of children's completed digital work.</p>