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| **Year 6 Computing Knowledge Organiser: Unit 6.3 – Spreadsheets** | | |
| **Key Images** | **Key Learning** | |
|  | * To use a spreadsheet to investigate the probability of the results of throwing many dice. * Using the formula wizard to add a formula to a cell to automatically make a calculation in that cell. * To create graphs showing the data collected. * To type in a formula for a cell to automatically make a calculation in that cell. * Using a spreadsheet to create computational models and answer questions. | |
| **Key Vocabulary** | **Key Questions** |
| * **average** * **advance mode** * **copy and paste** * **columns** * **cells** * **charts** * **count (how many) tool** * **dice** * **equals tool** * **formula** * **formula wizard** * **move cell tool** * **random tool** * **rows** * **spin tool** * **spreadsheet** * **timer** | How would you add a formula so that the cell shows the total of a column of cells?  Use the formula wizard advanced total tool or type a formula into the cell by using the ‘=’ symbol, mathematical operators and cell references.  What is a computational model and what it can be used for?  Modelling in Computing means creating or using a simulation (a model) of a real-life situation, on a computer. It represents the data of a situation. For example; budgeting for a party; working out how big a field needs to be for a certain number of animals; working out the best price for an item or using the existing data to predict what time your shadow will be a certain length.  If you were going to use a spreadsheet to plan your dream holiday. What data would you collect to cost the trip?  Ideas could include:   * Include travel; comparing the cost of different methods, airports, airlines, different companies and discounts such as rail cards. * Cost of accommodation of different types, trips out, food, passports, immunisations. |