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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.
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| **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.
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