

# Year 3 – Simulations and Graphing Knowledge Organiser



To make a presentation to the class

To locate information on the search results page

## Star Vocabulary

**Simulation:** A computer simulation is a program that models a real-life situation. They let you try things out that would be too difficult or dangerous to do in real life.

**Graph:** A diagram showing the value of objects.

**Data:** Facts and statistics collected together for reference

**Bar chart:** A graph in which the numerical amounts are shown by the height or length of lines or rectangles of equal width.

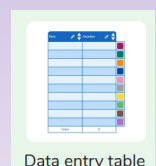
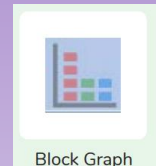
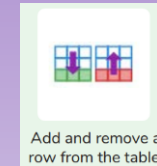
## Key Learning

- To consider what simulations are.
- To explore a simulation.
- To analyse and evaluate a simulation
- To enter data into a graph and answer questions.
- To solve an investigation and present the results in graphic form.

## Key Resources



## Key Images



Know that a computer simulation can represent real and imaginary situations

Analyse choices made using a branching database

Set up a graph with a given number of fields.

Can present the results in a range of graphical formats

Use a simulation to try out different options and to test predictions

Create their own simple simulation

Enter data for a graph

Use the sorting option to make analysis of their data