



St John Fisher RC Primary School

Year Five Knowledge Organiser – Summer Two – Computing – Data Handling

What we will be learning

Weeks 1 - 4

I know:

- How to use basic spreadsheet skills in Numbers
- How to create and organise a Classroom Olympics event using a spreadsheet
- How to use advanced functions and formatting in Numbers
- How to design the spreadsheet in Numbers
- How to collect and input data from Olympic sports events into a spreadsheet
- How to save and share spreadsheet content.

Key Facts to Remember

- I can understand and describe what a spreadsheet is and its uses.
- I can create a spreadsheet in Numbers, including inputting data into cells.
- I can use basic functions like SUM, AVERAGE, and simple formatting to enhance clarity.
- I can design a spreadsheet layout for a Classroom Olympics event, including categories for events and participant data.
- I can collect, input, and organise data, including simulating Olympic sports events for data gathering.
- I can apply advanced functions such as IF statements and create charts to visually present data.
- I can save and share my work using SeeSaw.

Key Vocabulary and Glossary

- **Spreadsheet** - A digital grid used to organise, calculate, and analyse data.
- **Cell** - A single box in a spreadsheet where data can be entered.
- **Row** - A horizontal line of cells in a spreadsheet.
- **Column** - A vertical line of cells in a spreadsheet.
- **Formula** - A mathematical equation used to calculate values in a spreadsheet.
- **Function** - A predefined formula in software that performs specific calculations, like SUM or AVERAGE.
- **Data** - Information entered into the spreadsheet.
- **Chart** - A visual representation of data, like bar graphs or pie charts.
- **Formatting** - Changing the appearance of the cells for clarity, like font size, colour, or cell borders.
- **Title** - The heading that describes what the data in a spreadsheet represents.
- **Input** - To enter data into a spreadsheet.
- **Save** - To store information securely in a file.
- **Share** - To allow others to view or edit the spreadsheet file.

Interesting Facts

- The first electronic spreadsheet, VisiCalc, was released in 1979, greatly changing the way businesses handled data.
- The Olympic Games have been held since ancient Greece, with the first modern Olympics taking place in 1896 in Athens.
- The longest-running Olympic event is the marathon, which was introduced to the Olympic Games in 1896.

Theme



The Olympics

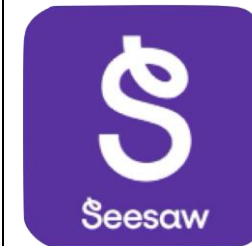
The ancient Greek Olympics were athletic competitions held every four years in Olympia, Greece, from 776 BC to 393 AD. These games were a religious festival dedicated to the god Zeus and served as a unifying force for Greek city-states.

Apps & Software



Numbers

Numbers is a spreadsheet application developed by Apple, similar to Microsoft Excel, designed for Apple devices



SeeSaw

An educational platform that can be used to create an electronic portfolio of children's completed digital work.