Lodge Farm Primary School- Knowledge Organiser

Computing Topic: Unit 3.3 Spreadsheets	**Year:** 3 **Term:** Spring 1

Key Knowledge/Content:

- Use the symbols more than, less than and equal to, to compare values.
- Use 2Calculate to collect data and produce a variety of graphs.
- Use the advanced mode of 2Calculate to learn about cell references.

Links to:
Prior learning:
Ways to represent data
Pictograms (2Count)
Binary trees (2Question)
Databases (2Investigate)
Future learning:
Data representation in 2Graph
Use software to investigate data

Key vocabulary with definition:
Prior vocabulary:
● Less than- This symbol shows that a number to the left of it has less value than one to the right.
● More than This symbol shows that a number to the left of it has greater value than one to the right.
● More than, less than & Equal tool- This highlights either more than, less than or equals according to which numbers are either side of it.
● Pie Chart- A circular chart divided into segments which each represent a portion of the total amount.
● Quiz tool- This can be used after the equals sign or instead of a number in a calculation. If you input the correct answer it will disappear.

New vocabulary:
● Advanced Mode- A mode of 2Calculate in which the cells have references and can include formulae.
● Bar graph- A chart that uses bars to show quantities or numbers, so they can be easily compared.
● Cell address- Every cell has an address. This can be found by reading the column letter then row number.
● Data- A collection of information, especially facts or numbers, obtained by observation, questions or measurement to be analysed and used to help decision-making.
● Equals- This symbol shows that numbers or number sentences either side are equal in value.
● Table- An organised display of information laid out in rows and columns.

By the end of this unit
All children can: create a table on a spreadsheet
Most children can: demonstrate an understanding of spreadsheets and create charts and graphs from data.
Some children can: demonstrate and **explain** a cell location in a spreadsheet and **find** specific locations in spreadsheets.

Background understanding for teachers and parents:
This unit will be focused on creating spreadsheets. Children will be able to create tables, charts and graphs from data. Children have previously looked at question asking and answering which will be helpful.

Curriculum Driver (one):
Aspiration
Evidence outcome:
Use computing specific vocabulary in a meaningful context to communicate and look at future job perspectives.