

Knowledge Organiser Spreadsheets/Pictograms/Presenting Ideas Year 1/2

What I have already learnt ELG's

- I show resilience and perseverance in the face of a challenge.
- I can talk about the different factors that support their overall health and wellbeing: -sensible amounts of 'screen time'.
- I have developed my small motor skills so that I can use a range of tools competently, safely and confidently.
- I have used IT equipment to explore, use and refine a variety of artistic effects to express their ideas and feelings.
- I have tried new activities and show independence, resilience and perseverance in the face of challenge.
- I have learnt the reasons for rules, know right from wrong and try to behave accordingly.
- I know how to safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function

Recall and Remember

Quiz Unit 2.3 Spreadsheet

[Purple Mash by 2Simple](#)

Quiz Unit 1.3 Pictograms

[Purple Mash by 2Simple](#)

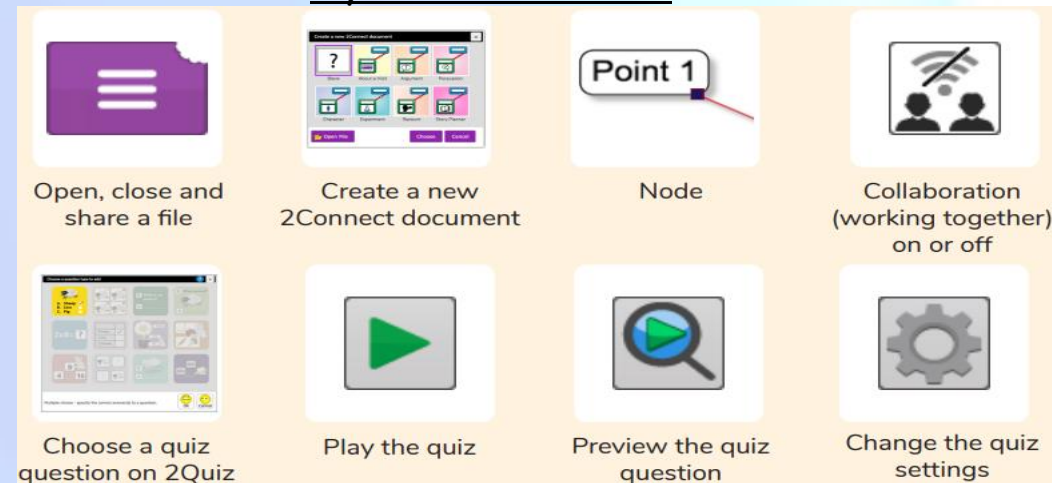
Quiz Unit 2.8 Presenting Ideas

[Purple Mash by 2Simple](#)

What I will have learnt by the end of my Key Stage

- I will know how what algorithms are, how they are implemented as programs on digital devices, and that programs execute by following precise and unambiguous instructions
- I will know how to create and debug simple programs
- I will know how to use technology purposefully to create, organise, store, manipulate and retrieve digital content
- I will know common uses of information technology beyond school
- I will know how to use technology safely and respectfully, keeping personal information private; identify where to go for help and support when I have concerns about content or contact on the internet or other online technologies

Key skills I will learn/use



Key Concepts/Strands

- Computing Science
- Information Technology
- Digital Literacy

My skills and knowledge that I may use from other subjects

Literacy- I can use my literacy skills to read and input data

Mathematics- I can use my mathematical skills to read and interpret diagrams and graphs

Opportunities for teaching Diversity, Equality (including protected characteristics) and expanding Cultural Capital

Show children examples of contrasting countries and cultures that do not have the same opportunities as we have

- [Educational video: The Third World for kids | Happy Learning](#)

Look at what technology will look like in the future.

- [Technology of the Future | Safe Search \(safesearchkids.com\)](#)

Key Knowledge

- To use copying, cutting and pasting shortcuts in 2Calculate.
- To use 2Calculate totalling tools.
- To use 2Calculate to solve a simple puzzle.
- To explore the capabilities of a spreadsheet in adding up coins to match the prices of objects.
- To use a pictogram to record the results of an experiment.
- To explore how a story can be presented in different ways.
- To make a quiz about a story or class topic.
- To make a fact file on a non-fiction topic.

What I will have learnt by the end of this unit

Unit 2.3 Spreadsheet

- To use 2Calculate image, lock, move cell, speak and count tools to make a counting machine.
- To learn how to copy and paste in 2Calculate.
- To use the totalling tools.
- To use a spreadsheet for money calculations.
- To use the 2Calculate equals tool to check calculations.
- To use 2Calculate to collect data and produce a graph.

Unit 1.3 Pictograms

- To understand that data can be represented in picture format.
- To contribute to a class pictogram.
- To use a pictogram to record the results of an experiment.

Unit 2.8 Presenting Ideas

- To explore how a story can be presented in different ways.
- To make a quiz about a story or class topic.
- To make a fact file on a non-fiction topic.
- To make a presentation to the class.

Knowledge Organiser Spreadsheets/Pictograms/Presenting Ideas Year 1/2

Key Vocabulary Unit 2.3 Spreadsheets

Block Graph

This is a type of graph that displays data with blocks. These can be made using cells, colours and labels in 2Calculate.

Copy

This feature copies the contents of highlighted cells without deleting the contents of them into a clipboard. Drag Contents of a cell can be dragged to another cell using the drag tool in 2Calculate.

Label

A way to identify data in a spreadsheet. For example a label heading for ice cream flavours children like.

Column

Boxes running vertically in a spreadsheet.

Data

A collection of information, used to help answer questions.

Equals tool

Tests whether the entered calculation in the cells to the left of the tool has the correct answer in the cell to the right of the tool.

Speak tool

This tool will speak the contents of a cell containing a number each time the value changes.

Table

Tables can be created in 2Calculate, these have headings and are a neat way to display data.

Cell

An individual section of a spreadsheet grid. It contains data or calculations.

Count tool

In 2Calculate, this counts the number of cells with a value of the cell to the left of the tool.

Equals This symbol can be used in 2Calculate to find the answer to a calculation.

Row

Boxes running horizontally in a spreadsheet.

Total

In 2Calculate the total tool will calculate the total of all cells above, below or next to it dependent on which total tool used.

Key Vocabulary Unit 1.3 Pictogram

Collect Data

Gathering facts and information.

Compare

Looking at what is the same and what is different.

Data

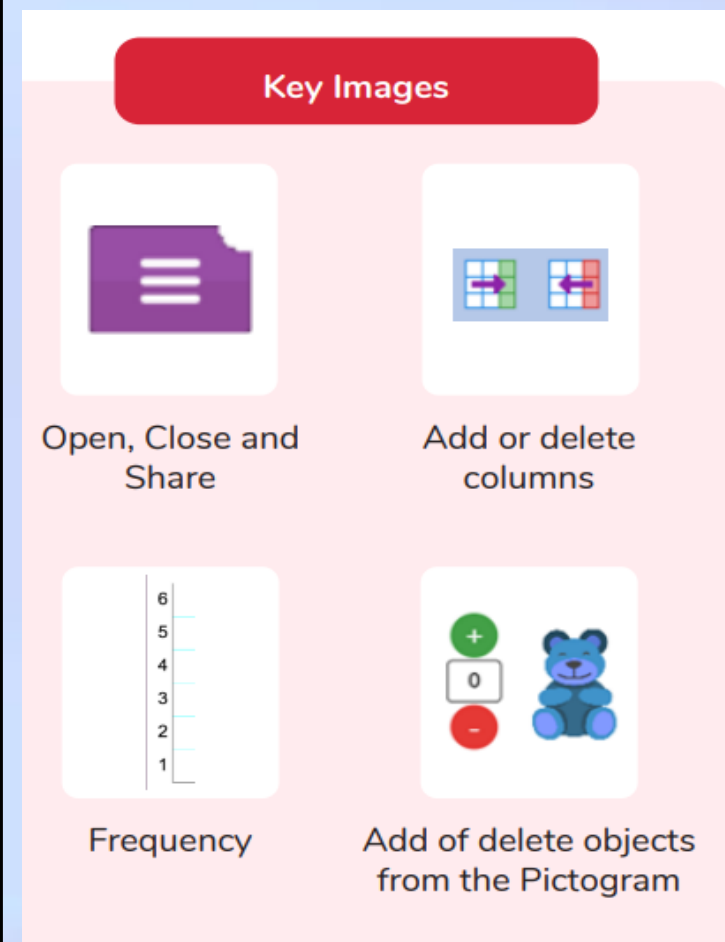
A collection of information, used to help answer questions.

Pictogram

A diagram that uses pictures to represent data.

Record Results

Writing down what you have found out. Title The name given to a piece of work



Key Vocabulary Unit 2.8

E-book

An electronic version of a printed book that can be read on a computer or a specifically designed handheld device.

Fact file

A document containing all the important information about one subject.

Fiction

A book or story that is written about imaginary characters and events and not based on real people or places.

Mind map

A tool for organising and representing knowledge. They form a web of ideas which are all interconnected.

Node

A way to represent a concept or idea using text and/or images.

Non-fiction

Writing that is about real people or events rather than stories that have been made up.

Presentation

A way of displaying information about a subject to an audience.

Quiz

A test of knowledge, especially as a competition between individuals or teams as a form of entertainment.

