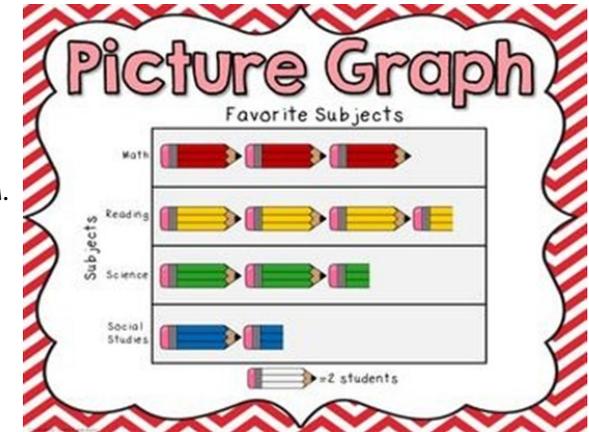| Spring 2	Lostwithiel Primary School	Year 1
Digital Literacy – Data Handling	Computing Knowledge Organiser	Cherry Tree Class

Prior Learning: In reception children have learnt to recognise that a range of different technology can be used in places such as homes and schools. They will have used ipads and be able to operate a computer using simple commonds. to access different software and navigate different websites.

Key Computing Knowledge:

- Know that information can be collected about lots of different things. When we collect information it is called data.
- Know that data can tell us facts such as how many people in the class how brown hair, blonde hair, black hair or red hair.
- Know that there are lots of different ways data can be shown as an image including a graph or a pictogram.
- Know that J2Data is a website we can use to create graphs and pictorgrams using data.
- Know that in order for the computer to create a graph we must enter data into the chart, using a mouse to select the part of the chart we are going to fill.
- Know that seeing data as an image can help us to understand it more easily and that the pictogram can answer simple questions we may have.
- Know how we can change our pictogram, making choices about pictures we would like to use.

Software/Hardware Resources	Key Computing Vocabulary	
Laptops with internet access	program	A list of instructions that allows a computer to perform a task or a set of operations.
J2E pictorgram https://www.j2e.com/j2data/	pictogram	A chart that uses pictures to represent data. The pictures show the numbers involved.
	data	Information collected as facts or figures that we can use to help us learn about something
	chart	Information in the format of a table – a way of keeping data.
	open	Starting a program so that we can use it.
	save	Keeping what we have created using a computer safe on the computer.
	print	Making a paper copy of what we have created on the computer screen.

Computing Outcomes	Cross Curricular Links
Children will have printed copies of graphs created. They will also write answers to simple questions.	**Science:** Plants. Children will collect data during a wild plant hunt. They will display the data using a pictogram. **PSHE:** to explore similarities and differences, children will collect data about difference such as eye colour, hair colour. Birthday month or pets, and display this data as a pictogram.

Linked documents: Class Overview, Computing Whole School Progression document and Class Medium Term Planning.