	Computing 24-25				
Year 4 – Microsoft excel – Graphs & Data					
Remember when: Typing, Formatting (word & excel), Editing		Key vocabulary			
		data			
•	Log into teams and open excel files.	graph pie chart column line scatter	table cell row column		
•	Select and input data to create a graph/ bar chart / pie chart				
•	Add labels and title to the bar chart.				
•	I can identify data that can be gathered over time				
•	I can use data from a sensor to answer a given question and interpret the data				
•	I can sort data to find information				

## In Year 3:

- change the format of a cell percentage, decimal places, currency.
- change the height and width of columns and rows.
- sort data in a table using different criteria.
- create filters to filter out data.

## National curriculum:

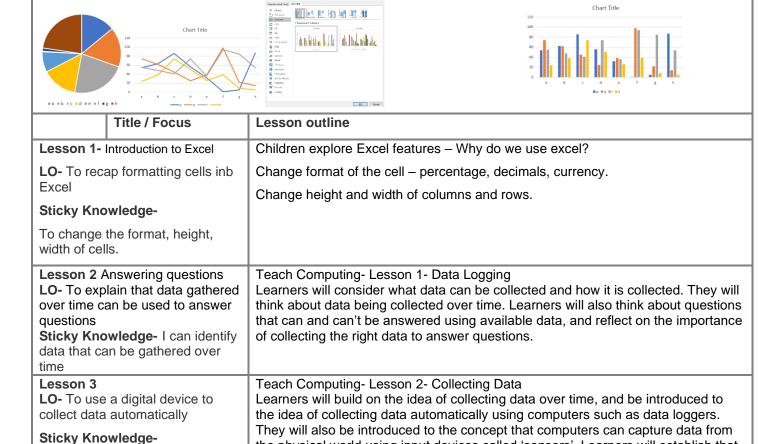
- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analyzing, evaluating and presenting data and information.

## Science - Lower key stage 2/Year 4

- Making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers.

**Features** 

- They should learn how to use new equipment, such as data loggers, appropriately. They should collect data from their own observations and measurements, using notes, simple tables and standard units, and help to make decisions about how to record and analyse this data.



the physical world using input devices called 'sensors'. Learners will establish that

I can use data from a sensor to answer a given question	sensors can be connected to data loggers, which can automatically collect data while not attached to a computer.
Lesson 4 Analysing data LO- To recognise how a computer can help us analyse data	Teach Computing- Data Logging Lesson 4 Learners will open an existing data file and use software to find out key information. They will analyse a data file which is a five-hour log of hot water cooling to room temperature.
Sticky Knowledge- I can sort data to find information	
Lesson 5	Children to create a table of their data collected in the previous sessions
Create a table LO- To display data collected	Children to create a bar chart from the data collected last lesson. Children to add labels and title to bar chart. Children to create a pie chart from data collected
Sticky Knowledge- I can interpret data that has been collected using a data logged	Children to add labels and titles to pie chart.