Computing 22-23			
Year 4 – Microsoft excel – Graphs & Data			
Remember when: Typing, Formatting (word & excel), Editing	Key vo	ocabulary	
By the end of this unit children must be able to:	bar chart graph	data table	
Log into teams and open excel files.	pie chart	cell	
Select and input data to create a graph/ bar chart / pie chart	column	row column	
Add labels and title to the bar chart.	scatter		
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:

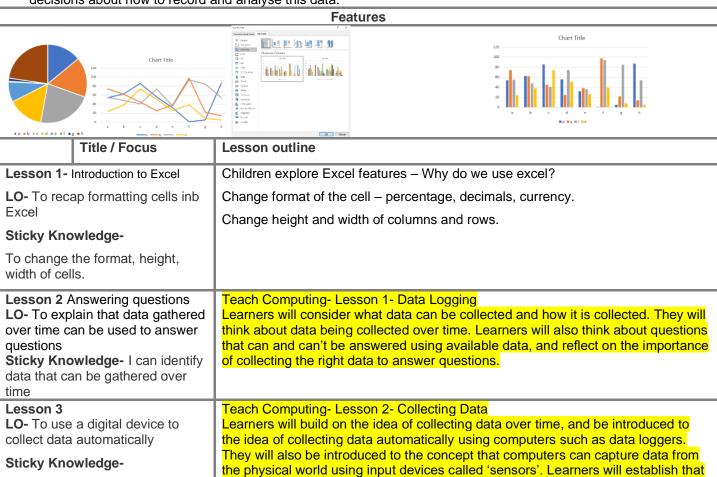
- change the format of a cell percentage, decimal places, currency.
- · change the height and width of columns and rows.
- sort data in a table using different criteria.
- create filters to filter out data.

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.
- 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.



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 Create a table LO- To display data collected Sticky Knowledge- I can interpret data that has been collected using a data logged	Children to create a table of their data collected in the previous sessions 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 Children to add labels and titles to pie chart.		
Working towards	End of Unit Assessment Working at Age related expectations	Working at a greater depth	