Growth of Babies
twinkl

Aim

- I can explain how babies grow and develop.
- I can present data.

Success Criteria

- I can demonstrate understanding of how babies grow in height.
- I can demonstrate understanding of how babies grow in height and weight.
- I can compare graph types and select which is most appropriate for my data.
- I can compare graph types to present complex data and explain which is most appropriate.

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Information and Data

Discuss the following questions with your talk partner.

What is information?

What is data?

What is the difference between information and data?

Data and Graphs

Whole Class

Age	Height of babies
0 months	51cm
1 month	53.5cm
2 months	57.5cm
3 months	60.5cm
4 months	64.5cm
5 months	65cm
6 months	67cm
7 months	68cm
8 months	70cm
9 months	71cm
10 months	72cm
11 months	73cm
12 months	75cm

What does this data show us?

What are the categories?

What is the unit of measurement?

If this data was presented in a graph, what should be shown on the x/y axis? Why?

What kinds of graph should be used to present this data? Why?

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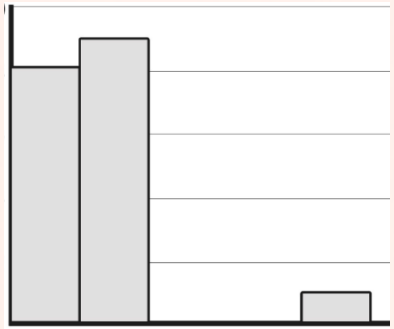
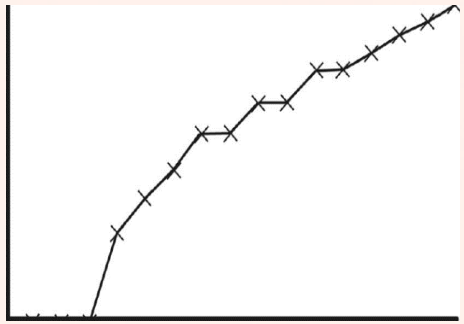
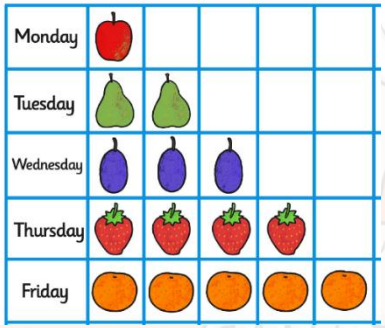
Data and Graphs

Types of Graphs

Whole Class

Match the name, picture and uses of the graph

Pictogram Graph	Bar Graph	Pie Chart	Line Graph
			
Shows the parts and the whole picture	Shows more than one set of data easily	Shows changes over time	Shows how many with a picture or an icon
Shows parts of a whole (percentages)	Compares choices – how many? how much?	Can adjust the scale easily	Good for showing what the data is about

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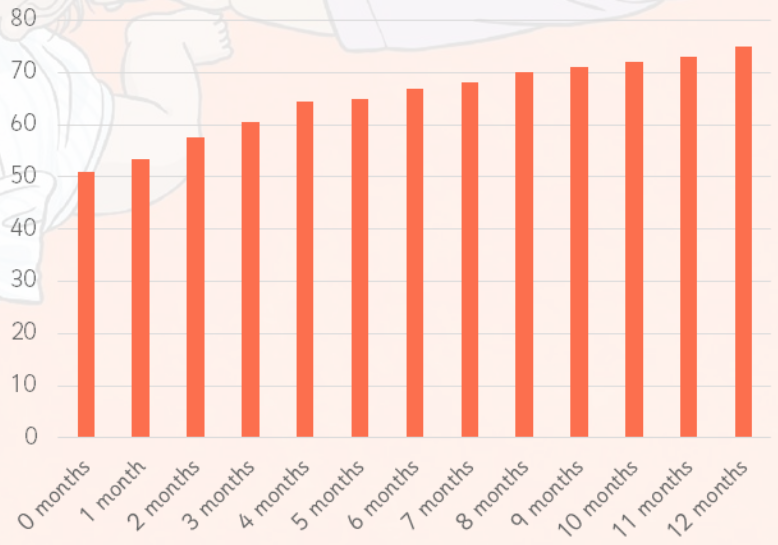
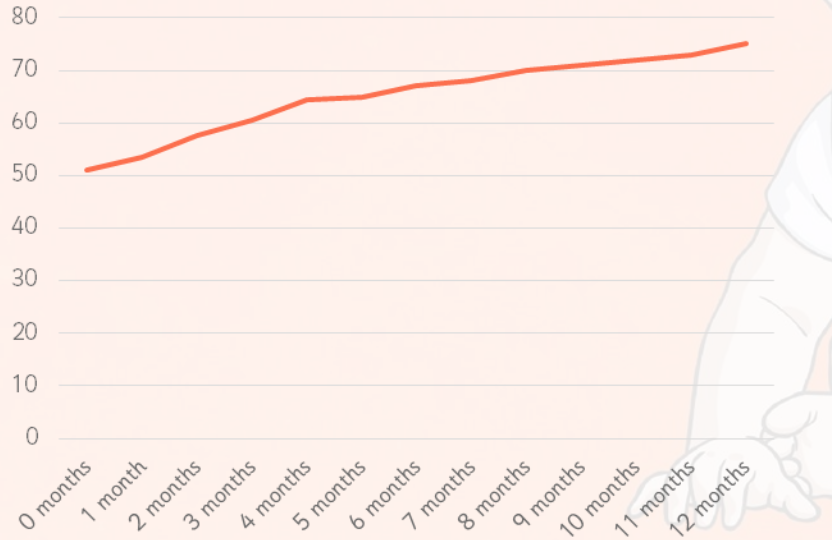
Comparing Graphs





Which graph should the data be presented with? Why?

Why do scientists want to present their data clearly?

What are the problems if they don't?

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Challenge

Can you research the growth in height and/or weight of a different animal?

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