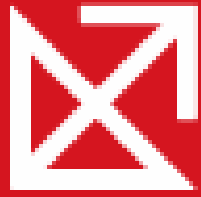


MATHS
NO PROBLEM!



Using Maths No Problem and Seesaw

Jo Peckham

Saltdean Primary School

Familiarity



- We aim to deliver the same lessons online, through Seesaw. Children are used to the structure of the lessons so are familiar with what is expected.
- We upload the slides we would have used in class with voice overs. We guide children through the 'In Focus' tasks. Children then complete the 'Guided Practice' and 'Independent Tasks' by typing onto the worksheets. Lessons can be accessed and completed at any time.
- Some slides include videos of teachers modelling a method and or using resources.

Slide 1: Recap with a voice over.

A typical lesson (Yr 4)

What have we learnt so far about line graphs?

What do line graphs help us to see slightly easier than a bar graph?




Slide 2: In focus with a voice over


Slide 3: Video of teacher modelling the focus task

In Focus

A glass of water was left in a freezer. Its temperature was taken every 10 minutes.



start of experiment 10 min 20 min 30 min 40 min 50 min 60 min



Let's draw our graph:

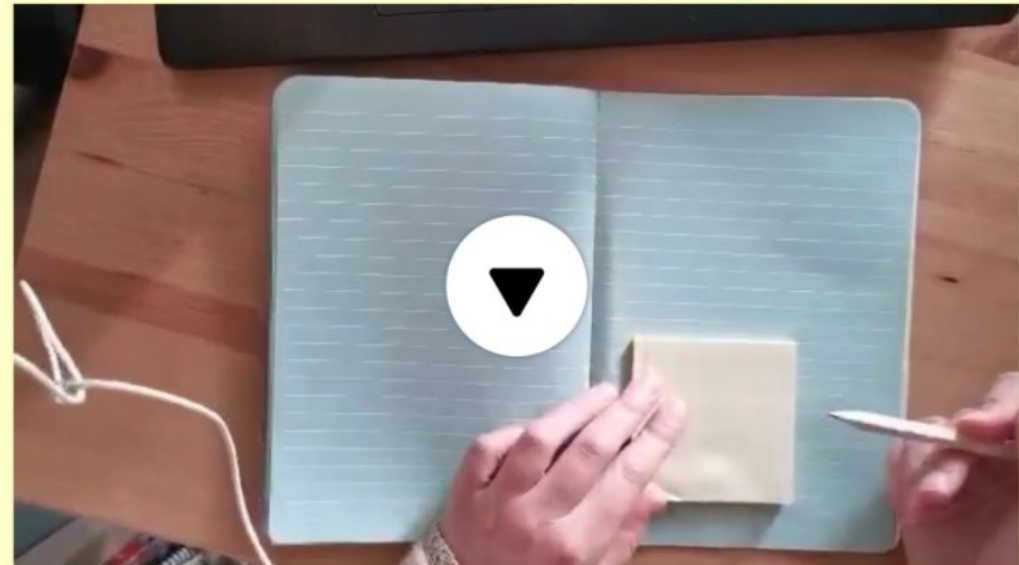
Time (min)	0	10	20	30	40	50	60
Temperature (°C)	25	15	5	3	0	0	0

Take a look at the 'In Focus' task.

What data do we have here?

Could we draw a line graph with this data? How do you know?

How would we want to organise this information before we draw the graph?



Guided Practice completed

Guided Practice

- 1 What was the temperature of the water in the glass at the start of the experiment? 25°C

- 2 By how much did the temperature drop after 20 minutes?

20°C

The first 20 minutes



- By how much did the temperature drop in the next 20 minutes?

5°C

The next 20 minutes



- 3 What do you notice about the temperature after 40 minutes?

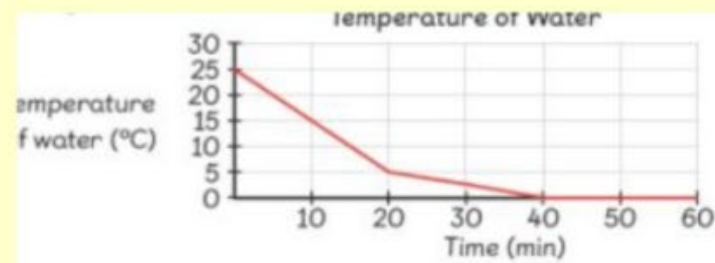
0°C



Temperature and time are quantities that can be expressed in fractions or decimals.

- 4 Can you estimate the temperature of the water in the glass after 25 minutes without having measured it?

4°C



Did the temperature increase, decrease or remain the same?



Worksheet completed

Worksheet 4

Drawing and Reading Line Graphs

A beaker of water was left on the table to evaporate for 5 hours. The amount of water in the beaker was recorded every hour.

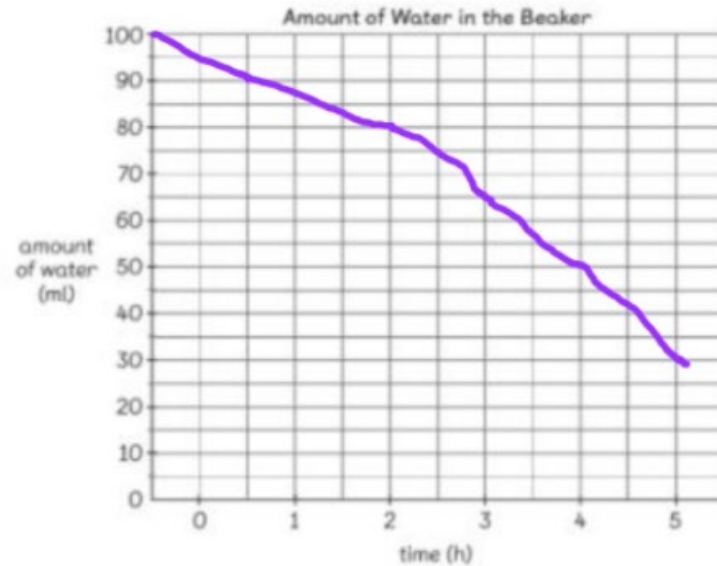


1 Complete the table to show the amount of water in the beaker after every hour.

Time (h)	0	1	2	3	4	5
Amount of water (ml)	100	90	80	65	50	30

Online

2 Draw a line graph to show the amount of water in the beaker over the 5-hour period.



(a) How much water was in the beaker at first?

100ml

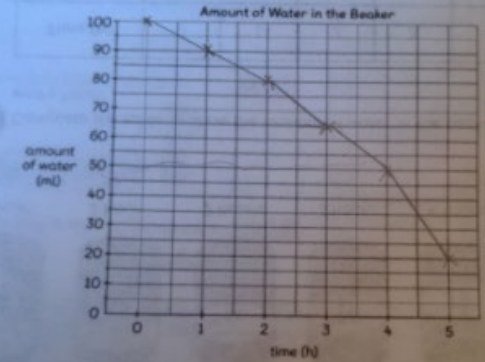
(b) How much water was lost after 5 hours?

70ml

(c) After how many hours did the beaker lose half the original amount of water?

4

2 Draw a line graph to show the amount of water in the beaker over the 5-hour period.



(a) How much water was in the beaker at first?

100ml

(b) How much water was lost after 5 hours?

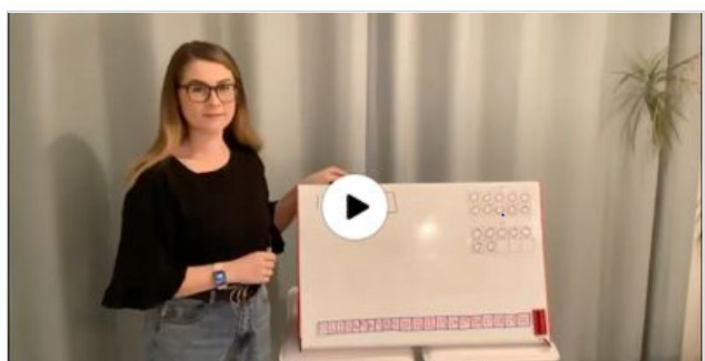
70

100 - 30

(c) After how many hours did the beaker lose half the original amount of water?

4h

Printed and then uploaded as a photo



Introduction video

A typical lesson (Yr 1)

Useful resources

You will need...



2x 10 frames



counters

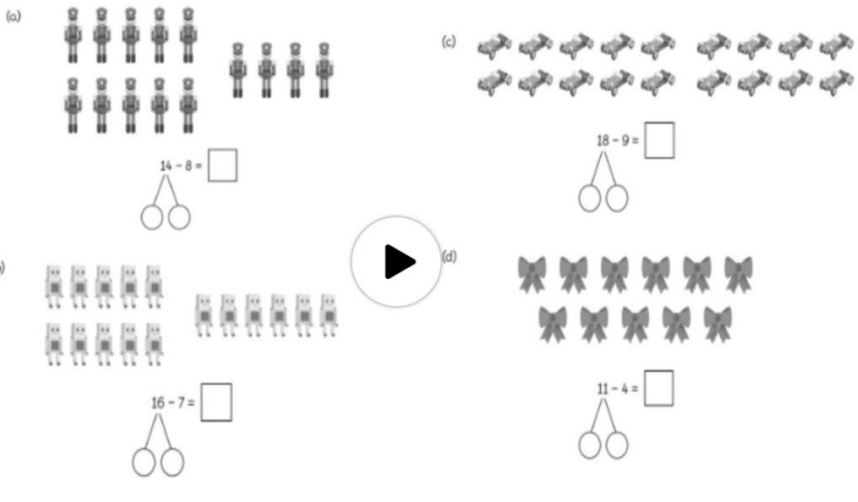


pencil & paper



number track to 20

Teacher modelling

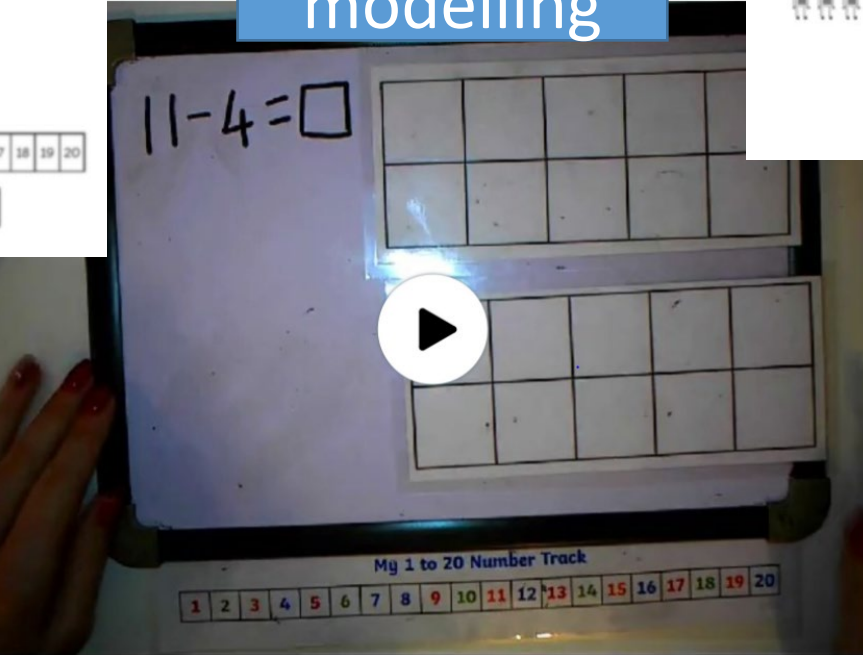


(a) $14 - 8 = \square$

(c) $18 - 9 = \square$

(d) $11 - 4 = \square$

$16 - 7 = \square$



$11 - 4 = \square$

Mg 1 to 20 Number Track

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Worksheet to complete with voice over



Differentiation



Some children receive specific lessons, sometimes from the year below.

All children are given the opportunity to do a challenge activity. Teachers actively encourage particular children to complete this.