



Minimum, Maximum, Mode & Range

Aims:

- to help learners practice finding minimums, maximums, modes and ranges of small sets of data
- to enable learners to understand how to find these values
- to encourage learners to interpret their answers

Activity

In pairs:

- take a card
- pick out the minimum value
- pick out the maximum value
- decide what the mode of the data is
- work out the range

Stick the card onto a poster along with your answers. Try to explain what information these values are telling you.

Primary Data

Collect some similar real data from your class and work out the minimum, maximum, mode and range for your own data.

Do you get similar answers to the *CensusAtSchool* data?

Extension Task

Can you work out the mean and the median for these data sets?

All the data on the following pages is real data collected by the *CensusAtSchool* project.



Minimum, Maximum, Mode & Range

How long is your right foot in centimetres?	21	23	22	20	22	19	21	25	23	22
How many people live in your household?	4	4	3	5	4	7	6	4	3	5
What is the number of letters in your name?	6	4	11	6	6	6	5	4	5	8
How old do you want to live to?	97	89	90	150	70	90	100	100	85	101
How many seconds can you hold your breath for?	60	25	66	39	42	50	35	40	44	50
How long is your ring finger in centimetres?	7	7.5	8	6.5	7.5	6.5	8	6.5	7	8
How long does it take you to walk to school in minutes?	15	10	10	25	45	3	10	25	15	5
How many portions of fruit do you eat in a day?	2	3	2	2	3	3	1	1	0	4
How many languages can you hold a conversation in?	1	1	3	2	1	1	2	1	1	1
How many times a day do you brush your teeth?	1	2	2	2	4	0	2	2	1	2