Average

LO: To practise finding the mode, median and range

LO: To be able to find the mode, median and range

1) Zone

2) How to find the mode.

3) How to find the median.

4) How to find the range.

5) Practice questions

6) Follow up work

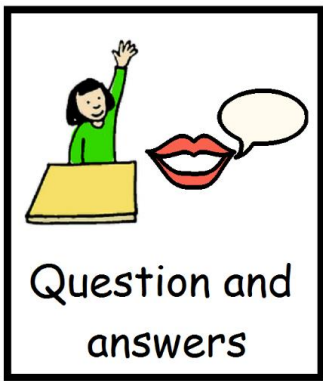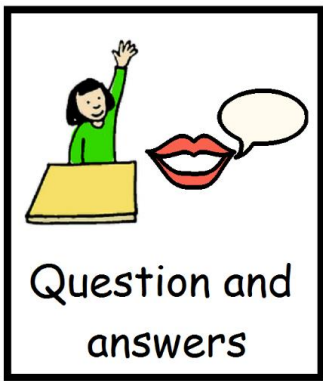| Blue Zone	Green Zone	Yellow Zone	Red Zone
Going slow	Good to go	Caution Starting to lose control	Stop! Out of control
E.g. sad, sick, tired, bored	E.g. happy, calm, focused, ok	E.g. worried, excited, annoyed	E.g. angry, terrified, elated

To find the mode;

1) Look at your list of data. The value that comes up the <u>most</u> is the mode.

2) If you have two or more values that come up the same amount of times, they are both the mode.

Find the mode of the following set of data.

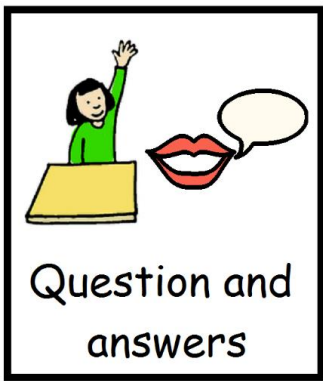5, 8, 1, 9, 2, 7, 2, 8, 5, 9, 1, 7, 3, 5

To find the median;

1) Put all of the numbers in order starting from the smallest.

2) Find the middle number.

Find the median of the following set of data.

25, 82, 69, 17, 34, 92, 5,

To find the median;

1) Put all of the numbers in order starting from the smallest.

2) Find the middle number.

3) If there are 2 numbers in the middle, Add them together and divide by 2.

Find the median of the following set of data.

8, 2, 9, 1, 7, 3, 5, 8

To find the range;

1) Identify the highest number and lowest number in your list.

2) Find the value of the highest number take away the lowest number.

Find the range of the following set of data.

720, 632, 730, 287, 964, 823, 429

1) 24, 31, 12, 38, 12, 15

Median : _____

Mode : _____   Range : _____

2) 5, 28, 16, 32, 5, 16, 48, 29, 5, 35

Median : _____

Mode : _____   Range : _____

3) 53, 13, 34, 41, 26, 61, 34, 13, 69

Median : _____

Mode : _____   Range : _____

4) 85, 58, 72, 85, 46, 93

Median : _____
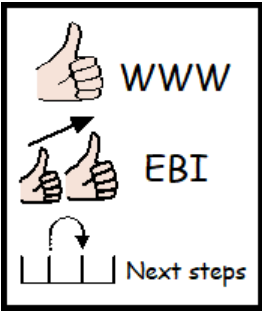
Mode : _____   Range : _____

To find the median;

1) Put all of the numbers in order starting from the smallest.

2) Find the middle number.

3) If there are 2 numbers in the middle, Add them together and divide by 2.

To find the mode;

1) Look at your list of either numerical or non numerical data. The value that comes up the most is your mode.

2) If you have two values that come up the same amount of times, they are both the mode.

To find the range;

1) Identify the highest number and lowest number in your list.

2) Find the value of the highest number take away the lowest number

LO: To be able to find the area of rectangles.

WWW

EBI

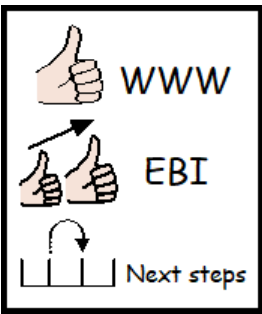| Blue Zone	Green Zone	Yellow Zone	Red Zone
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LO: To be able to find the mode, median and range.

Follow up work

1) Mixed Averages worksheet.

For ALL worksheets you can either print out and write your answers on, or write your answers on paper.

Please take pictures of your work and email to jo.gould@grangepark.kent.sch.uk