

Thursday 2nd July:

Good morning lovely Year 6, we hope that you are well and having a great week whether at home or in school.

2 July 2020 is ...

184th day of the year. There are then 182 days left in 2020.

27th Thursday of 2020.

27th week of 2020 (using ISO standard week number calculation).

12th day of Summer. There are 82 days left till Autumn.

Birthstone for this day: Ruby and Onyx.

Love Mrs Button and Mrs Amor.

Daily reading

Please read for at least half an hour today.

Inference Questions - look at the illustration and answer the questions that follow



- Who is this?
- What kind of character is he?
- How do you think he speaks? Demonstrate his voice. Why did you do it like that?
- Do you think this character is wealthy or poor? Why?
- What is his job?
- What is an orator?
- Would you trust him?
- Where is he? Why is he there?

Daily Maths

The median, mode and range - key points:

The Median

To find the median, you place the numbers in order of size then find the middle number.

Hey diddle diddle
The median's the middle...

5, 7, 5, 8, 2, 1 → 1, 2, 5, 5, 7, 8 → 1, 2, **5**, 5, 7, 8

Both the middle numbers are 5 therefore the median is 5.

The Median

To find the median, you place the numbers in order of size then find the middle number.

Hey diddle diddle
The median's the middle...

5, 7, 6, 8, 2, 1 → 1, 2, 5, 6, 7, 8 → 1, 2, 5, 6, 7, 8

5 and 6 are both in the middle so we have to find the mid-point between the two numbers.

$5 + 6 = 11$
 $11 \div 2 = 5.5$

The median is **5.5**

The Mode

Look at the hair colours in this group of people.
Which hair colour do you see the most often?

| Hair Colour | Tally |
|-------------|-------|
| Blonde | I |
| Brown | IIII |
| Ginger | I |

The mode is the one that you see most often.

Brown is the hair colour you see the most often.
Therefore, the mode is brown.

The mode is the only average that can be applied to **non-numerical** data as well as numerical data.
There may be **more than one mode** or **no mode**.

The Range

Find the range in this set of data:
3, 5, 7, 9, 2, 6

It helps to put the numbers in order of size first, starting with the smallest:
2, 3, 5, 6, 7, 9

Now, select the highest and lowest numbers and find the difference between them.
 $9 - 2 = 7$

The range is **7**

One way to help you remember:
think of a mountain range - you want to find the height difference between the highest and lowest mountains in that range.

The range is the difference between the highest and lowest numbers in a set of data. It allows us to find out how spread out the values are. This is known as the 'measure of spread'.

The set of data may contain negative numbers too:
5, -3, 4, 2, -1, 8

-3, -1, 2, 4, 5, 8

$8 - -3 = 11$

Remember, two minus signs next to each other make a plus.

Ready:

Find the median for each of these data sets:

1. 3, 4, 5, 6, 7, 8, 9, 10, 13

2. 11, 12, 13, 15, 18, 20

3. 5, 4, 1, 9, 8

4. 11, 21, 5, 9

Worded Problems:

1. A group of students were asked about the number of mobile electronic devices in their homes. These are the results:

| | | | | | | | |
|-------------------------------------|---|---|---|----|---|---|---|
| Number of Mobile Electronic Devices | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Frequency | 0 | 2 | 5 | 10 | 8 | 4 | 3 |

Calculate the median number of devices.

Steady:

2. A group of year 11s were asked how many younger siblings they have. The results are shown below.

| | | | | | | |
|----------------------------|----|----|-----|-----|----|----|
| Number of Younger Siblings | 0 | 1 | 2 | 3 | 4 | 5 |
| Frequency | 10 | 40 | 130 | 145 | 50 | 25 |

- a. How many younger siblings did the students have in total?

- b. Calculate the median number of younger siblings per student surveyed.

- c. How many students have more than the median number of younger siblings?

Go:

3. 23 players took part in a basketball competition. The number of baskets scored by each player is recorded in the table.

| Number of Baskets Scored | Number of Players |
|--------------------------|-------------------|
| 0 | 3 |
| 1 | 6 |
| 2 | 5 |
| 3 | 7 |
| 4 | 2 |

- a. Calculate the median number of baskets scored.

- b. A player is selected at random. Is this player more likely to have scored the median or modal number of baskets? Justify your answer.

4.

Reunite each set of data with its correct statement.

| |
|---------------------|
| 1, 2, 5, 4, 5 |
| 2, 2, 3, 1, 2 |
| 7, 15, 2, 6, 7, 6 |
| 1, 2, 3, 4, 5 |
| 0, 5, 0, 2, 0 |
| 12, 11, 12, 10, 11 |
| 6, 6, 2, 8, 1 |
| 10, 5, 10, 5, 5 |
| 6, -3, 0, -3, 7 |
| -3, 2, 9, -2, 7, -3 |

| |
|---|
| I have no mode. |
| My mode is zero. |
| My mode is negative. |
| My range is 15 more than my mode. |
| My mode and range have the same value but they are not 2. |
| My mode is 1 more than my range. |
| My mode and range have the same value. |
| If you add the two values of my mode, the answer will be equal to my range. |
| I have the greatest modal values of all the cards. |
| My mode is one less than my range. |

Extension: Find the mode and range for each set of data.

Daily English

Writing to Entertain – Villains (with thanks to Pie Corbett)

Task 4 Poetry

Focus in on the unusual detail - I am the ...

The idea is that, rather than describing the general appearance of a character, you tune in to the intricate details: the mannerisms, facial expressions, strange objects or possessions. To do this, focus on one element of a character and become it.

The only way you can do this is by looking at it closely, so a visual stimulus is really helpful.

There are some villainous pictures below...

To become it, you just need the sentence stem: **I am the ...** then extend the idea with action or detail.

For example: I am the eyes, staring menacingly at my next victim. The simple pattern and structure really helps focus on the language choice, whilst bringing something specific to life.

Modelled version based on Lord Voldemort from Harry Potter:

Lord Voldemort

I am the eyes, filled with anger, glaring with malicious intent.

I am the mouth, rotten to the core, poised with fatal words to attack.

I am the nose – snaked slits, sensing impure blood and weakness.

I am the pallid skin, void of warmth, tainted with bleached spite.

I am the gnarled fingers, twisted in hate, charged with greed.

I am the mind, sinister and severe, plotting devastation.



| | |
|---|---|
| Termly Spellings | <p>Please take time to learn spellings for future weeks and to re-visit past spellings. These can be found on the school website at https://www.newbridge.bathnes.sch.uk/ and go to the tab Classes and click on your class.</p> <p>Also, you can learn the Year 5/6 statutory words that we have provided for you. Concentrate on the spellings that you know you find tricky.</p> <p>Remember the ways in which we practice them each week in class:</p> <ul style="list-style-type: none"> • Writing them forwards and backwards • Writing the vowels in a different colour • Write them in a pyramid shape • Look, write, cover, check • Each letter could be a different colour • You could also find out their meaning by using a dictionary. • Can you write each one in a sentence? |
| National Curriculum Word Lists | <p>Look in your Reading Log and find all of the spellings for your year group. How many of these can you learn? Can you write a sentence using the words?</p> |
| Curriculum Overview | <p>Take time to look at the Curriculum Overview for your year group. This can be found on the school website at https://www.newbridge.bathnes.sch.uk/ Go to the tab Key Information, go down the menu on the left hand side to Curriculum, go to Termly Overview and click on the one for your year group.</p> <p>Talk to a grown up at home and decide on an aspect you would like to find out more about. This means that when you come back to school, you will be able to share something new.</p> |
| Useful websites | <p>Please see the useful websites list.</p> |
| <p><i>Well done for trying all of these areas of learning. Please can I ask that your parent sends a few lines in an email to let me know what you have completed today</i></p> <p><i>All Year 6 communication to go through this email:</i></p> <p>6b@newbridge.bathnes.sch.uk</p> <p><i>Please look out for tomorrow's learning, from Mrs Amor and Mrs Button.</i></p> | |