

Year 5

Home Learning

Date

Thursday 23rd April

Maths

- Continue with the rounding to 10, 100, 1000 sheet.
- Once you have completed it lets apply it to some items from the kitchen, find 5 items in from the cupboards.
- Read the weight or volume of each item, you will normally find it in grams or litres.
- Then round each item to its nearest 10, 100 and 1000.

Don't forget you tables - Can you achieve your quickest time on TTRS?

English

To mind map the themes, characters and plot in Macbeth.

The aim of this activity is to consolidate your understanding of the story of Macbeth.

Create a mind map in your home learning book with '**Macbeth by William Shakespeare**' written in the middle.

Around the edge, add information about the characters, plot and themes.

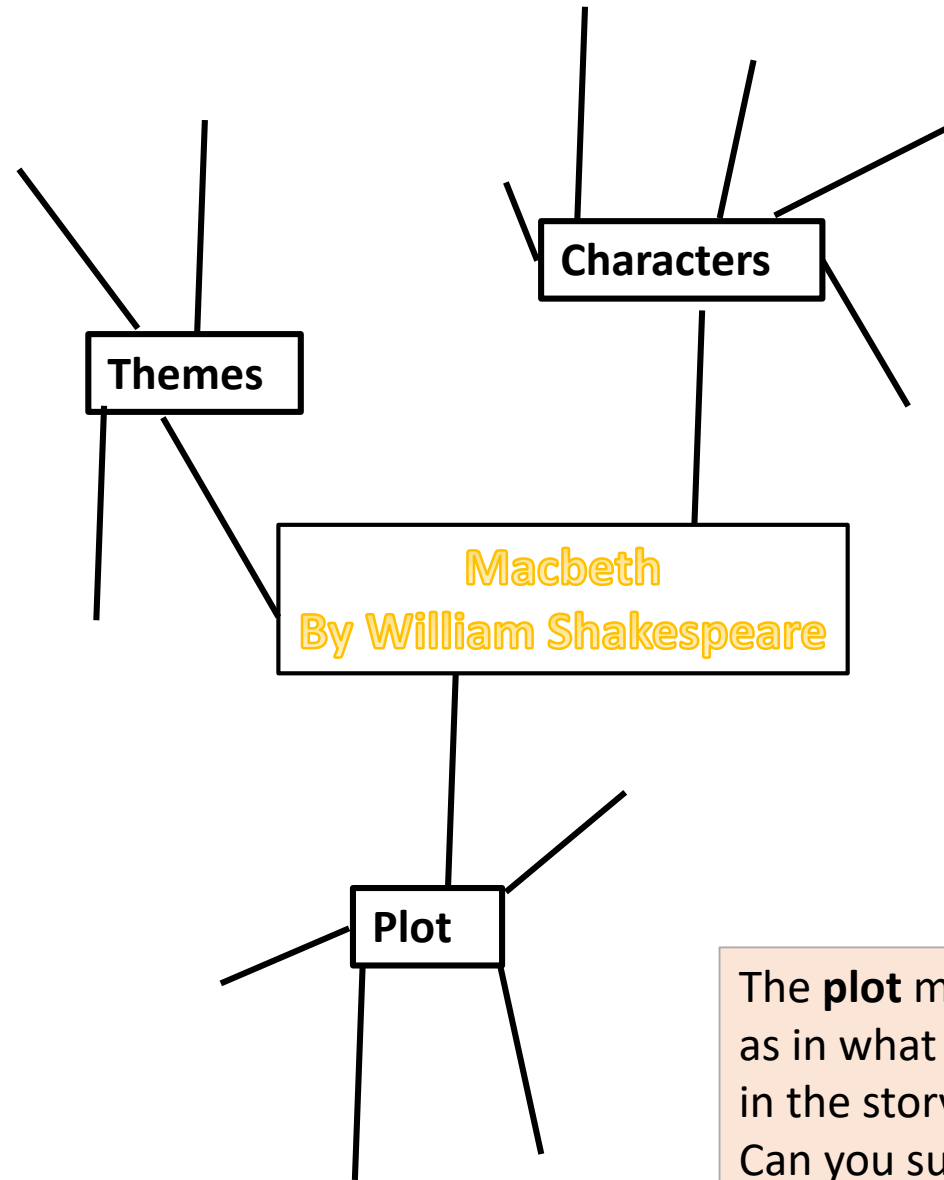
Look at the next slide to help you.

A **theme** in a play means the main ideas that the writer has based the story upon. Think about the feelings the characters feel and the audience feel when reading it.

For example, themes in Goldilocks and the Three Bears could be family, loneliness, honesty, greed.

What are the themes in Macbeth? Here are some examples:

- Family
- Friendship
- Jealousy
- Magic
- Fear



Think about who the main characters are.
What are they called?
Who are they?
Are they good/bad/both?
What qualities do they have?

The **plot** means the storyline, as in what actually happens in the story.
Can you summarise it in a few bullet points?

Other: Science - Space

Mars

What is Mars like?

Mars is the 4th planet from the sun. It is a terrestrial planet which means that it has a hard rocky surface that you could walk on. Mars' surface is dry and much of it is covered with a reddish dust and rocks. When viewed from Earth, Mars appears to be the color red.

Mars has some of the most impressive natural geographical structures in the Solar System. Olympus Mons, a now dormant volcano, is the highest mountain in the Solar System. It is 3 times as high as Mount Everest and towers 16 miles above the Martian surface. Another major geographical structure of Mars is the great canyon, Valles Marineris. This canyon is the biggest in the Solar System. It is 4 miles deep in places and stretches for thousands of miles.

Mars Facts

- 1) Named after the **Roman God of war**, Mars is the **fourth planet** from the sun in our [solar system](#).
- 2) Mars is also known as the '**Red Planet**' because, well, it's red! This signature colour comes from the large amount of a chemical called **iron oxide** (or 'rust' as you might know it) in its rocks and soil.
- 3) Mars is the second smallest planet in the solar system after **Mercury**. With a diameter (distance through the middle) of **6,791 kilometres**, it's roughly **half the size of Earth**.
- 4) It can get pretty cold on Mars — much **colder than our own planet**, since it's further away from the sun. At the equator, temperatures can reach **20°C**, but at its poles they can plummet to as low as **-140°C**. *Brr!*
- 5) Mars is home to the **highest mountain in our solar system** — a volcano called **Olympus Mons**. Standing a whopping **24 kilometres high**, it's about three times the height of Mount Everest!
- 6) You could **jump around three times higher on Mars** than you can on Earth. *Boing!* This is because the planet's **gravity** — the force that keeps us on the ground — is much weaker.
- 7) Do you like to look at the [moon](#) at night? Well, check this out — **Mars has two moons!** One is called **Phobos** and the other **Deimos**.
- 8) A day on Mars is **24 hours and 37 minutes** — only a little bit longer than a day on our own planet. A year on Mars, however, is almost twice as long, lasting **687 Earth days!** This is because it takes a lot longer than Earth to complete its orbit around the Sun.
- 9) Until recently, scientists believed that there was no liquid water on the surface of Mars — only rocks, soil dust and ice. But... News flash! In 2018, they found **evidence of a lake** under the planet's south polar ice cap. Exciting stuff!
- 10) Humans have not yet been to Mars, but scientists have sent spacecraft there to help them research this fascinating planet. The first spacecraft to land on Mars were the **Viking Landers**, which touched down on the surface in **1976**.

This is a task
for the whole
week.



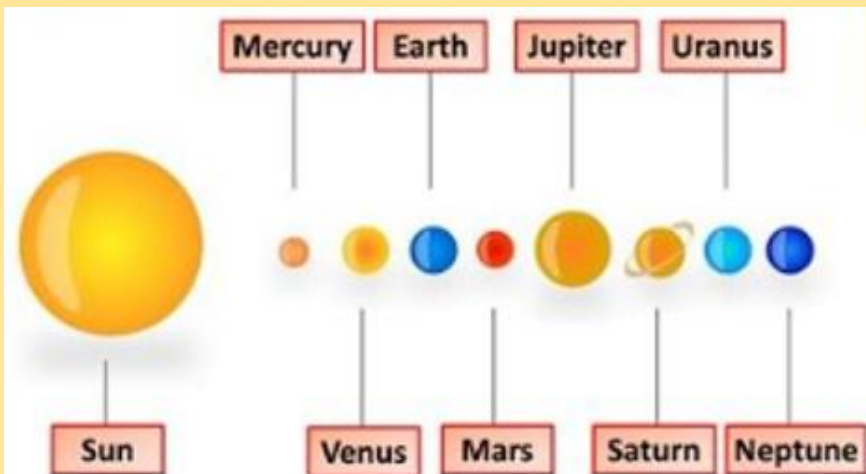
In the future, space flight may be able to offer holidays in the solar system. Imagine you are an estate agent who is advertising holidays to other planets.

Task:

Design an information poster or leaflet about travelling to Mars. Use the information above and from secondary resources to help. Include:

- A comparison of the day and year on Earth and Mars.
- Explain which clothes and special equipment to take.
- Some descriptions of the must see features, events or places.

Use the information on the previous slide, as well as your own research using books and the internet, to complete this task.



This is a task for the whole week.

You might have:	
<ul style="list-style-type: none">• State the length of the day and year.• State what clothes to take, with a simple reason.• Recognise how the atmosphere is different.• Identify a 'must see' feature, event or place.	
<ul style="list-style-type: none">• Compare the length of the day and year to that on Earth.• Explain simply what clothes to take.• Decide on what special equipment will be needed, with a reason.• Describe a 'must see' feature, event or place.	
<ul style="list-style-type: none">• Compare the length of the day and year to that on Earth.• Explain what clothes to take.• Decide on what special equipment will be needed, with a scientific reason.• Describe a 'must see' feature, event or place.	
<ul style="list-style-type: none">• Compare the length of the day and year and the seasons to that on Earth and explain in detail, using a diagrams, why there is a difference.• Explain, with scientific reasons, what clothes to take.• Decide on what special equipment will be needed, with detailed scientific reasons.• Describe in some detail the 'must see' feature, event or place, drawing on geological or atmospheric information.	

Extras!

Mindfulness Thoughtful Thursday

Start a gratitude journal – try and write 3 good things that have happened to you today.

PE

with Joe Wicks "The Body Coach."	Follow this link: https://www.youtube.com/user/thebodycoach1
Cosmic Yoga	Follow this link: https://www.youtube.com/user/CosmicKidsYoga
Go Noodle – Active challenges	Follow this link: https://www.gonoodle.com/families/

Climb the Ladder

Home Physical Education

How to play:

- Place 3 targets on the floor in a line, 1m away from each other.
- Using a small object can you throw the object and hit the first target.
- When you have hit the first target, only then can you move onto the next target.
- How many throws does it take to hit all 3 targets?
- If you are playing against a partner, the first player to hit all 3 targets is the winner.



Can you be honest and only try target 2 when you've hit target 1?

Can you keep trying even if you miss the target?

Top Tips

Throwing Underarm

Step forwards with one foot, releasing the ball from low to high using your opposite hand.

Let's Reflect

What did you learn after each throw to adapt for the next?

How did you keep focused?

Family Chores

Does the lawn need doing? It's going to be a nice day today – maybe you could help, or if you're sensible, maybe you could do it?

Personal Chores

How tidy is your room?
Could you do it without being asked?

Reading

Vocabulary Hunt Look out for new and interesting words that you come across in your reading. How could you record these? You could make a vocabulary book, a word poster, a personal dictionary, a word wall.