

Year 5

Home Learning

Date

Wednesday 22nd April

Maths

Follow this sheet to revisit a topic from year 5 maths. Complete as much as you feel confident doing.

Warm up

Flashback

4

Year 5 | Week 3 | Day 2

1) Dan earns £2,072 per month.
How much does he earn in a year?



2) Multiply 172 by 5

3) Which of these numbers has a remainder when you divide by 5?

35 45 77 80

4) Work out $5,512 - 3,272$



2 Round each number to the nearest 10

a) 48 248 548 1,748

b) What do you notice about your answers in part a)?

3 Round each number to the nearest 100

a) 1,532 1,542 1,552 1,562

b) What do you notice about your answers in part a)?

L.O: Round to 10,100,1000.

Rounding to the nearest 10

To round a number to the nearest 10, look at the units digit. If the units digit is 5 or more, round up. If the units digit is 4 or less, round down.

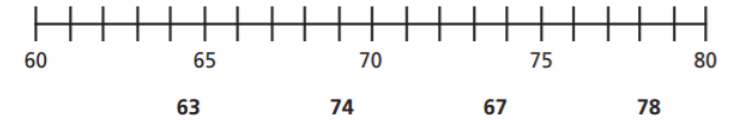
Rounding to the nearest 100

To round a number to the nearest 100, look at the tens digit. If the tens digit is 5 or more, round up. If the tens digit is 4 or less, round down.

Rounding to the nearest 1000

To round a number to the nearest 1000, look at the hundreds digit. If the hundreds digit is 5 or more, round up. If the hundreds digit is 4 or less, round down.

1 Use the number line to help you round each number to the nearest 10



5



a) Mo makes a 4-digit number using the digit cards.

His number rounds to 9,100 to the nearest 100

What number does Mo make?

b) Kim makes a different 4-digit number using the digit cards.

Her number rounds to 10,000 to the nearest 1,000

What does Kim's number round to, to the nearest 10?

4

a) Circle the numbers that round to 650 when rounded to the nearest 10

653 655 645 545 648 641

b) Circle the numbers that round to 5,400 when rounded to the nearest 100

5,430 5,450 5,380 5,340 5,425 5,325

c) Circle the numbers that round to 12,000 when rounded to the nearest 1,000

12,475 11,780 12,399 12,111 11,999 11,501

English

To listen to and understand and Shakespearean play.

Listen to Miss Hardy read the story of Macbeth.

Most of you will remember it; it is the same one that we read at school. Some of you were already isolating by then, and for the rest of us it seems a very long time ago! So sit back, relax, and enjoy this exciting, gruesome and sometimes scary play...

https://www.youtube.com/channel/UCADdUQhYJQx1MD7L0Dg5vTA?view_as=subscriber Visit our school Youtube channel for the video of Miss H reading the play called '**Macbeth for Year 5.**' Search '**Newport CE Junior School**' or follow this link.

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.



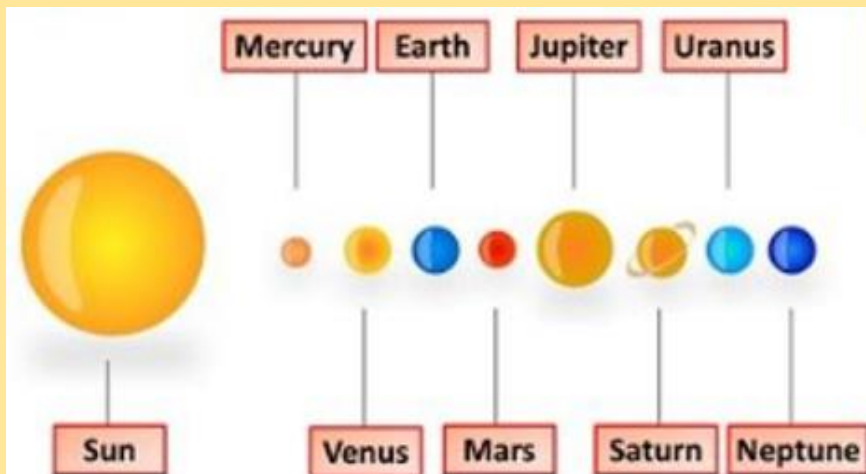
In the future, space flight may be able to offer holidays in the solar system. Imagine you are an estate agent who is advertising holidays to other planets.

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:

- 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.
- 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.
- 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.
- 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 Wild Wednesday

Explore in your garden or nearest open space and see if you can find 3 different leaves. Collect them and try to identify them when you get home.

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/ |

Bowling Home Physical Education

How to play:

- Set up 10 targets at one end of the space; lay these out in a triangle shape.
- Using a ball, each player takes it in turns to roll the ball towards the targets.
- Count how many targets you knocked over then reset for the next turn.
- Each player has 5 turns.
- The winner is the player with the most points at the end.



Can you play fairly and keep the score?

Can you keep focused on the targets and roll accurately?

Top Tips

Rolling Underarm

Step forwards with one foot, releasing the ball along the using your opposite hand.

Let's Reflect

How did you feel when you knocked the targets down?

If you did not win what could you change for next time?

Family Chores

When was your smoke detector last tested?
Speak with someone at home and work together to test them.

Personal Chores

Have you said thank you for your Easter eggs? Maybe its time you wrote a thankyou letter?

Reading

Cover Think about all the things that have to be included on a book cover and design (and make) a new cover for a favourite book. What will be on the front? How will you make it eye-catching? As well as the blurb, what else will you put on the back cover?