



Year 5 - Newsletter – Term 2

Welcome back and a HUGE welcome back to our lovely Year 5 children! We hope you all had a great half-term and are ready for another fantastic term in Year 5. We are here to help and support you and your child. If you have any questions or concerns, please do not hesitate to contact us.



Classes and contact:

5H Teacher: Miss Hutchison

Email:

thutchison@southavenue.kent.sch.uk

5H Teaching Assistant: Miss Baker

5D Teacher: Miss Daniells

Email: Tdaniells@southavenue.kent.sch.uk

5D Teaching Assistant: Mrs Huxter



Important dates:

W/C Monday 13th November 2023 – anti-bullying week.

Friday 17th November 2023 – children in need dress up day.

Wednesday 6th December – exhibition of work for parents (in classrooms) 2:40-3:15

Curriculum Information:

English: We will be learning a wide variety of reading and writing skills this term, using books on space and space travel as our inspiration.

Maths: The children will be revising their knowledge of multiplication, division and fractions, as well as putting their problem-solving skills to the test.

Science: How do we get day and night? Why does the moon change shape? We will be investigating these, and much more, through our Earth & Space topic.

PE: This term, we will be focusing on our dance and football skills with the class teacher.

Art & DT: We will be studying the illustrations of Christina Balit in 'Zoo In The Sky' and recreating our own works of art based on the constellations in the night sky. We will also be creating our own dioramas of our solar system.

RE: The children will be learning about salvation this term. Specifically looking at and analysing the key question: What did Jesus do to save human beings?

Computing: The children will be learning about creating media, specifically looking at video production.

P.E is on a Wednesday afternoon.

Please ensure your child wears their P.E kit to school and that it is appropriate for the weather; black/grey tracksuits tops and bottoms are fine. **Please remove earrings on these days.**

Homework:

This year we will be using Atom. Atom is an online system on which your child will be set weekly Maths and English homework. The expectation is that each piece of homework is set by Friday and completed weekly, by the following Thursday.

Times Tables!

Your child needs to be practising their times tables as often as possible, ideally daily if they are not secure with all of their times tables.

Reading

The children engage in many reading activities as part of their English sessions. Through the AR scheme, your child will have a band of books that they may choose from, which should all be suitable for their current reading ability. Your child needs to be secure with what they have read, so they may be encouraged to read their book more than once before completing the quiz. It is important that your child reads daily, we offer reading time in school throughout the day, but this needs to be supported at home too. If you have any queries about the system, please contact your child's class teacher.

PLEASE ENSURE THAT YOUR CHILD BRINGS THEIR READING BOOK TO SCHOOL EVERY DAY and you have signed their reading record to say that you have listened to them read.

Thank you

Clothing – Please make sure all items of your child's clothing have their name on it. It makes it much easier to reunite children with lost clothes. This includes their PE kit. Thank you!

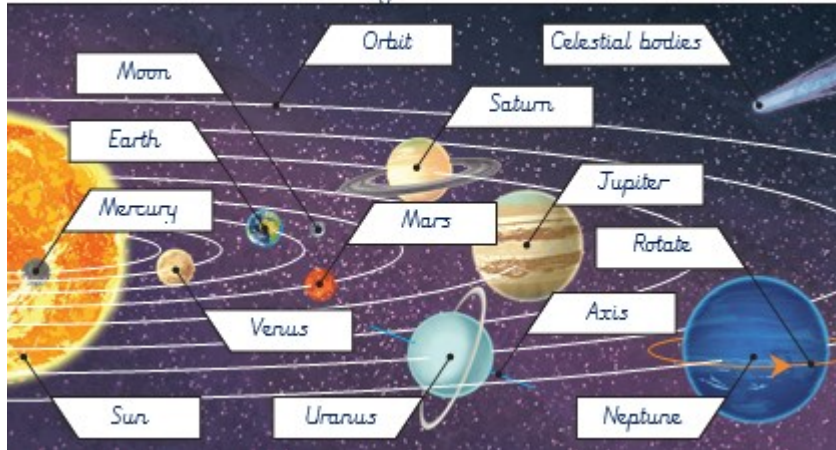
Water bottles – Please could you ensure that your child brings a named drink bottle to school each day, to have in the classroom. **This should contain water only, no juice or squash.** Thank you.

Attendance:

Thank you so much to all of you who ensure that your child is in school on time each day. We would really appreciate it if you could continue to do so– let's aim to be the Year group with the **BEST** attendance in Term 2!

Year 5 - Term 2 - Earth and Space

Our Solar System (not to scale)



Key Vocabulary

Orbit	To move in a regular, repeating curved path around another object - revolving.
Rotate	To spin. E.g. Earth rotates on its own axis.
Axis	An imaginary line that a body rotates around. EG - Earth's axis (imaginary line) runs from the North Pole to the South Pole.
Geocentric model	A belief people used to have that other planets and the Sun orbited around Earth.
Heliocentric model	The structure of the Solar System where the planets orbit around the Sun.
Astronomer	Someone who studies or is an expert in astronomy (space science).

In Term 2 we will be working Scientifically to plan an enquiry using a shadow stick.

We will take accurate measurements of shadows formed, deciding how best to record our data and present our findings.

What should I know?

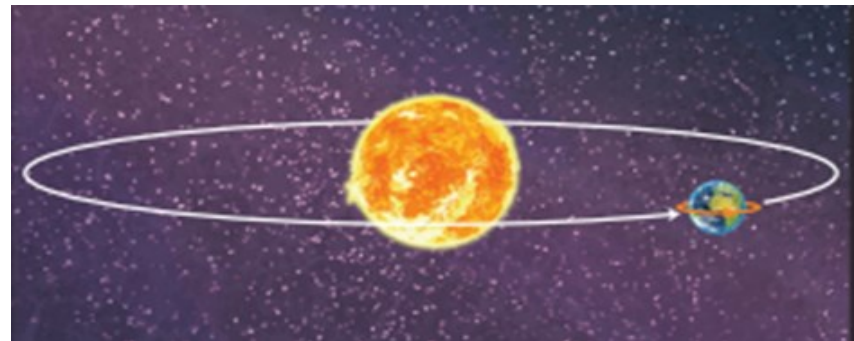
Year 5 should have an idea of planets names and atmospheres in the solar system with an understanding that we live on Earth - other planets aren't habitable.

Mercury, Venus, Earth and Mars are rocky planets. They are mostly made up of metal and rock.

Jupiter, Saturn, Uranus and Neptune are mostly made up of gases (helium and hydrogen) although they do have cores made up of rock and metal.

Daytime occurs when the side of Earth is facing towards the Sun.

Night occurs when the side of Earth is facing a way from the Sun.

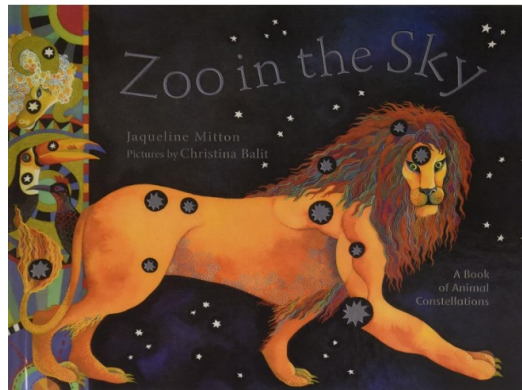


Earth rotates on its axis. It does a full rotation once in every 24 hours.

At the same time that Earth is rotating, it is also orbiting around the Sun.

It takes a little more than 365 days to orbit the Sun.

Year 5 - Term 2 - Art



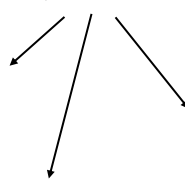
In Term 2 we are taking inspiration from Christina Balit.

She is a well-known British illustrator of over 20 children's books.

We will be creating original pieces that display her influence and artistic techniques, doing so using a variety of mediums, including water-colour painting and printing.



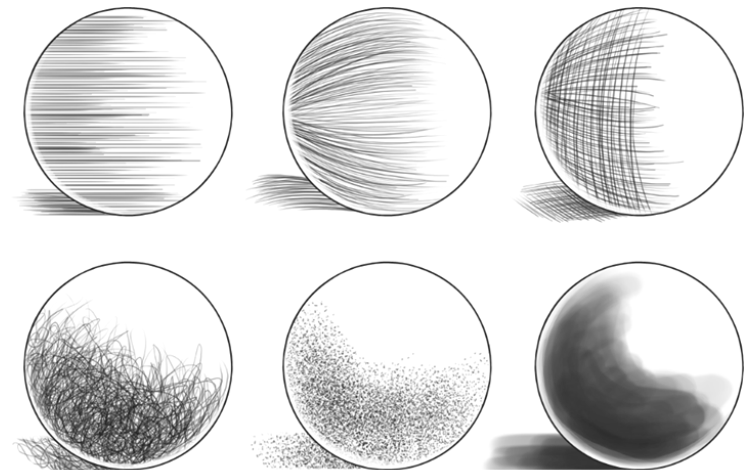
Inspiration.



Key Vocabulary

Inspiration	Giving someone an idea about what to do or create .
Shade	A technique used to represent light and shade by varying colour and intensity.
Sketch	A rough drawing that is yet to be refined.
Colour-wash	A mixture of paint and water, used to produce a very thin, light colour.

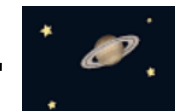
We will be exploring different shading techniques, using these to add depth and a 3-Dimensional quality to our creations.





EARTH and SPACE KNOWLEDGE ORGANISER

Year 5



Overview



- The Earth (our planet) is a part of the Solar System. At the centre of the Solar System is the Sun. The Sun is a star.
- There are 8 planets and 5 dwarf planets in the Solar System, which orbit (go around) the Sun.
- It takes Earth just over 365 days to go around the Sun (one year).
- The Earth rotates on its axis once every 24 hours (one day). This causes day and night, as different parts of the planet face the Sun.
- The Moon orbits around the Earth. The Sun, Earth and Moon are all roughly spherical.

Key vocabulary

Solar system	The objects orbiting the Sun.
Orbit	Travelling around in a curved path.
Gravity	A force which pulls, even over great distances.
Rotation	Turning around on an axis.
Spherical	Round, like a football.
Planet	A body that orbits a star in a clear path.
Celestial body	A moon or object that orbits a planet.
Astronomy	The study of objects in space.
Time zone	Areas on Earth where the time of day is different because it rotates.

What do I already know?

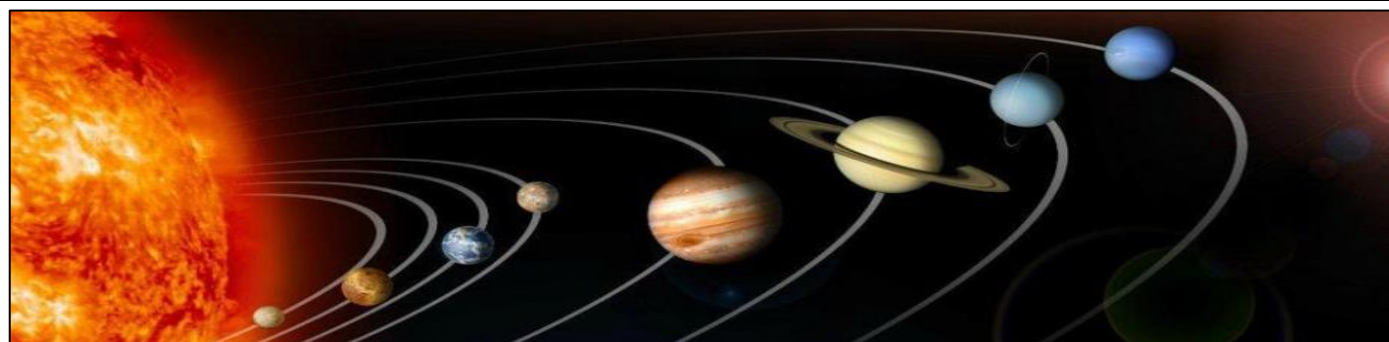
- Events beyond living memory that are significant nationally or globally for example, the Great Fire of London.
- Significant historical events, people and places in their own locality.

What will I know?

- Life in space as an astronaut aboard the International Space Station.
- World history in space.
- A timeline of events in space.
- Key events from the Apollo 11 moon landing.

The Solar System

- The Solar System includes the Sun and all of the objects that orbit around it due to gravity.
- The Earth is one of eight planets that orbit the Sun. It is the third closest to the Sun.
- The planets are (from closest to furthest away from the Sun) Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. Jupiter is the largest planet and Mercury is the smallest.
- There are also five dwarf planets: Haumea, Makemake, Ceres, Eris and Pluto.
- Earth is the only known planet in the Solar System where there are living things. The planets closer to the Sun are thought to be too hot, whilst some of those further away are too cold.
- You could fit about 1,321 Earths inside Jupiter. You could fit 1.3 million Earths into the Sun!
- Many of the planets (including Earth) have moons which orbit them. Jupiter has around 80 moons!
- The Sun is gigantic, but it is just one of billions of stars in our galaxy: The Milky Way. The Milky Way is just one of billions of galaxies in the Universe!



Planet Facts

Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus	Neptune
Area: 0.147 Earths 8 th Largest	Area: 0.902 Earths 6 th Largest	Area: 1 Earth! 5 th Largest	Area: 0.284 Earths 7 th Largest	Area: 121.9 Earths 1 st Largest	Area: 83.7 Earths 2 nd Largest	Area: 15.91 Earths 3 rd Largest	Area: 14.98 Earths 4 th Largest
Moons: None	Moons: None	Moons: 1 moon	Moons: 2 moons	Moons: Around 80 moons	Moons: Around 65 moons	Moons: Around 30 moons	Moons: Around 15 moons
Length of Day: 1,408 hours	Length of Day: 5,832 hours	Length of Day: 24 hours	Length of Day: 25 hours	Length of Day: 10 hours	Length of Day: 11 hours	Length of Day: 17 hours	Length of Day: 16 hours
Length of Year: 88 days	Length of Year: 225 days	Length of Year: 365 days	Length of Year: 687 days	Length of Year: 12 Years	Length of Year: 29 Years	Length of Year: 84 Years	Length of Year: 165 Years

The Planets

Mercury



Venus



Earth



Mars



Jupiter



Saturn



Uranus



Neptune

