



Our curriculum at Summerlea is creative and designed to forge links between the different areas of learning. Each topic we study is led by a big question to get us thinking. We have listed the **main** curriculum areas that will be addressed

through each question and have given a brief outline of what we will be learning.

This half term our big question will be...

Space: What's out there?



The key driver for this topic is **Science**.

Our key **Science** vocabulary for this topic:

Earth, planets, sun, solar system, moon, sphere/spherical, rotate/rotation, spin, night and day, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, dwarf planet, orbit, gravity, astronaut, season, star **Science:** We will start our new topic by sharing ideas and prior learning about what we think is out there in space. The children will identify spherical bodies in space and name the planets in the solar system including an explanation of how the planets orbit the Sun. Using scientific evidence, we will discover why night and day occur and make predictions about night and day in different places on Earth. The children will discover whether the Moon orbits the Earth or the Sun. We will learn about a day in the life of an astronaut and what cosmologists do.

English: This half term we will be focusing on narratives and biographies to complement our Space topic. We will learn about organisational structures in writing and the impact of effective word choices as well as revisiting key grammatical features to apply in our extended writing. We will be reading 'Cosmic' by Frank Cottrell- Boyce as our Class read.

Art: We will be discussing and appraising Van Gogh's 'Starry Night' and then creating our own version after learning about the specific painting techniques he used.



RSHCE: In RSHCE we will be looking at the importance of families and friendships. We will learn about the meaning of stereotyping and bullying and then consider how to be a good friend for others.

Computing

As well as discussing elements of e-safety and the importance of security and privacy when using the internet, we will be learning about how search engines work and how to use them efficiently to find specific information.

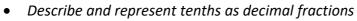
Maths:

Our main objectives are to: ensure the children are confident with times tables up to 12x12.

Have knowledge of strategies to solve addition, subtraction, multiplication and division problems.

In addition, we have a topic on decimal fractions which will cover the following -

• Identify tenths as part of a whole



- Compare and order decimal numbers with tenths
- Pupils explain that decimal numbers with tenths can be explained both additively and multiplicatively
- Pupils use their knowledge to calculate decimal numbers within and across the whole
- Pupils use their knowledge to calculate decimal numbers using mental methods, column addition and subtraction
- Identify hundredths as part of a whole and describe and represent as a decimal fraction and order and partition
- Convert and compare metres and centimetres
- Read, write, compare and order numbers up to three decimal places
- Add and subtract pounds and pence

Remember to log on regularly to Times Tables Rock Stars to practice your multiplication tables fluency and speed.



Geography

We will be exploring and discussing the key question: "Where does our energy come from?" As part of this, we will learn about the differences



between renewable and non-renewable energy sources, where they come from and their impact on society, the economy and the environment.

Physical Education

During our indoor P.E. lessons, we will be learning about evaluating and improving routines in dance. We will be appraising our own and others routines and building towards performances. Sussex Cricket coaches will lead our outdoor sessions this half-term and we will be learning and then applying the skills of cricket fielding and batting this half-term.

Year 5 information

The team:

Key Stage 2 Phase leader: Mrs Galpin Juniper Class: Mrs Harris Sycamore Class: Mr Michica Teaching Assistants: Mrs Pankhurst and Miss West Cover Supervisors: Mrs Moynihan and Miss Carter Midday Meal Supervisors: Mrs Aldred and Miss Lyons

Exciting days and events:

INSET day: Friday 1st September Parent Welcome Meeting: Tuesday 5th September PTA colour day: Friday 29th September National Poetry Day: Thursday 5th October Planetarium Trip: Friday 6th October Black History Month: October Schoolsworks Parental Forum: Wednesday 4th October Parental consultation evenings: Mon 16th, Tues 17th and Thurs 19th October INSET day: Friday 20th October



PE Days:

Outdoor PE – Wednesday Indoor PE – Tuesday NB: We ask that your child brings their PE kit to school with them, please ensure that all clothing items are labelled. Long hair should be tied back and earring removed or covered.

Library Day: Friday for both classes

Coats/snacks/drinks and equipment:

Children should only bring essential items to school. Please ensure your child has a named waterproof coat in school every day as we will still go out in light rain. We ask that every child has a named water bottle in school and if you are providing a healthy snack for breaktime, that this is separate from their lunch and put into the classroom box as they come in, in the morning. *We do ask that all snacks are nut free due to allergies.* Children can bring in a wipeable pencil case, that contains *essential* stationary items only.

Mobile Phones:

If your child brings a mobile phone to school, please ensure you have completed the relevant permissions paperwork with the school office. Phones in school **must remain switched off and in bags** once on the school <u>site</u> and may not be used, for any purpose, on school premises, grounds or during off-site school activities. Children must place their phones in the class box as soon as they enter the school building and collected again just before the end of the school day and remain **switched off and in bags until the child is off the school site. This is especially important for children attending after school clubs.** The phone should be clearly marked, with name and class of the child to whom it belongs. The school will not take any responsibility for the loss, theft or damage of mobile phones. Children bring them to school entirely at their own risk.

Please do not hesitate to get in touch with your child's class teacher if you have any questions or concerns; our doors are always open.

Preview/review

At the beginning of each half term we like to invite your child to reflect on previous learning and look forward to new learning.

The last half term you learnt all about:

Ancient Egyptians: Where they awesome or awful?

What did you learn?

This half term our big question is:

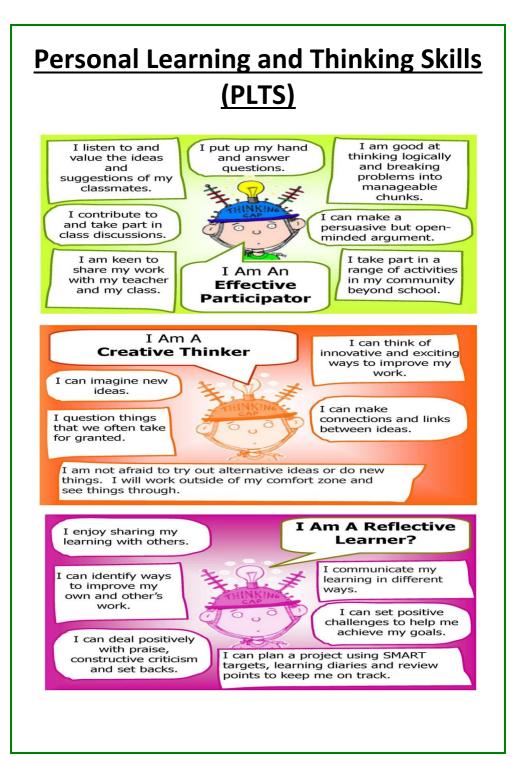
Earth and Space: What's out there?

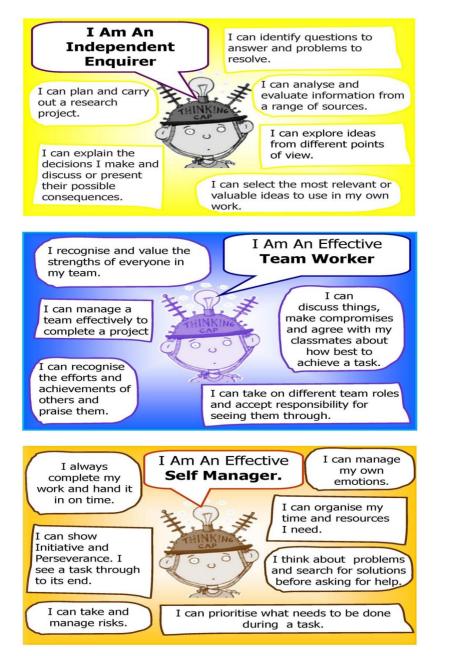


What do you already know?

he Summerlea Seven

🖁 ONESTY 🗧 QUALITY 🔏 SPIRATION 🤻 ESPECT 🤻 ESILIENCE 🤻 ESPONSIBILITY 🗍 RUST





What badge will you go for this half term?