

Be KIND

Soyez Gentille

Be SAFE

Soyez Prudente

Be READY

Soyez Prête



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Year 5

Guide to

Autumn 1

2023



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*
- *Describe and represent tenths as decimal fractions*
- *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 not 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 **site** 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?

The Summerlea Seven


H ONESTY E QUALITY A SPIRATION R ESPECT R ESILIENCE R ESPONSIBILITY T RUST

Personal Learning and Thinking Skills (PLTS)



I Am An Effective Participator

- I listen to and value the ideas and suggestions of my classmates.
- I contribute to and take part in class discussions.
- I am keen to share my work with my teacher and my class.
- I put up my hand and answer questions.
- I am good at thinking logically and breaking problems into manageable chunks.
- I can make a persuasive but open-minded argument.
- I take part in a range of activities in my community beyond school.



I Am A Creative Thinker

- I can imagine new ideas.
- I question things that we often take for granted.
- I am not afraid to try out alternative ideas or do new things. I will work outside of my comfort zone and see things through.
- I can think of innovative and exciting ways to improve my work.
- I can make connections and links between ideas.



I Am A Reflective Learner?

- I enjoy sharing my learning with others.
- I can identify ways to improve my own and other's work.
- I can deal positively with praise, constructive criticism and set backs.
- I can communicate my learning in different ways.
- I can set positive challenges to help me achieve my goals.
- I can plan a project using SMART targets, learning diaries and review points to keep me on track.

I Am An Independent Enquirer

I can plan and carry out a research project.

I can explain the decisions I make and discuss or present their possible consequences.



I can identify questions to answer and problems to resolve.

I can analyse and evaluate information from a range of sources.

I can explore ideas from different points of view.

I can select the most relevant or valuable ideas to use in my own work.

I recognise and value the strengths of everyone in my team.

I can manage a team effectively to complete a project

I can recognise the efforts and achievements of others and praise them.

I Am An Effective Team Worker



I can discuss things, make compromises and agree with my classmates about how best to achieve a task.

I can take on different team roles and accept responsibility for seeing them through.

I always complete my work and hand it in on time.

I can show Initiative and Perseverance. I see a task through to its end.

I can take and manage risks.

I Am An Effective Self Manager.



I can manage my own emotions.

I can organise my time and resources I need.

I think about problems and search for solutions before asking for help.

I can prioritise what needs to be done during a task.

What badge will you go for this half term?