

Year 5

Guide To

Autumn 2

2020





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 driving question will be...

Earth and Space: What's out there?



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

We will start our new topic by sharing ideas and prior learning about what we think is out there in space. By exploring scientific evidence, 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.

English: This term we will be focusing on explanation and speech writing. The children will be completely immersed in the topic and become 'Space Experts', creating their own 'How does it work?' explanation writing and reporting back after discovering a new planet. We will be reading and discussing various texts linked to our topic including Hidden Figures by Margot Lee Shetterly and Man on the Moon: a day in the life of Bob by Simon Bartram.



Art: Alongside our pastel galaxy scene and astronaut drawings, we will be discussing and studying Van Gogh's 'Starry Night' and creating our own version after learning about the specific painting techniques.



Maths:

Our main objectives are to:

Multiplication and Division

- *identify multiples and factors, including finding all factor pairs of a number, and common factors of 2 numbers*
- *know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers*
- *multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000*
- *recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3)*
- *solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes*
- *solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign*
- *solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates*

Perimeter and Area

- *measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres*
- *calculate and compare the area of rectangles (including squares), including using standard units, square centimetres (cm^2) and square metres (m^2), and estimate the area of irregular shapes*



Year 5 information

The team:

Beech Class: Miss Collis

Elm Class: Miss Axton

Mrs Burge (PPA/Leadership cover Tuesdays)

Mrs Mills and Mrs Palmer (LSAs)

Mr Abdoullahi (Individual Needs Assistant)



Exciting days and events:

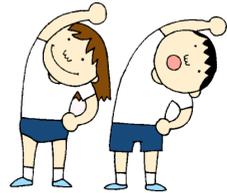
Space Art Day: 2nd November

Anti-Bullying week – week beginning 16th November

Science week: week beginning 23rd November

Christmas lunch: 16th December

Christmas jumper day: 16th December



PE Days:

Mondays: outdoor PE

Wednesdays: outdoor PE

NB: We ask that your child comes to school in their PE kit on PE days.

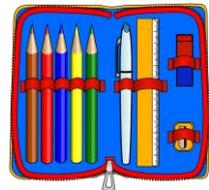
Coats/snacks/drinks and equipment:

Children should only bring essential items to school.

Please ensure your child has a waterproof coat in school every day.

We ask that every child has a named water bottle in school.

Year 5 children can bring in a wipe-able pencil case



Please don't 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 all of you were in school (Spring Term 2 2020) your big question was:

WW2: For better or worse?

What did you learn?

This half term our big question is:

Earth and Space: What's out there?

What do you already know?

