

# Year 5

Guide To

Autumn 2

2019



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 driving 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 questions 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 are reading Space Poetry by various poets and writing our own, focusing on figurative language and performance. We will be reading and discussing 'Hidden Figures' by Margot Lee Shetterly.

**Art:** We will be discussing and studying Van Gough's 'Starry Night' and creating our own version after learning about the specific painting techniques.

## Maths:

### **Our main objectives are to:**

- Revise mental and written addition and subtraction strategies, choose to use a mental strategy or written depending on which is most efficient.
- Recognise which numbers are divisible by 2, 3, 4, 5, 6, 9 and 25 and identify multiples; find factors; recording results systematically and finding all factors of a given number; compare and place fractions on a line; find equivalent fractions and reduce them to their simplest form.
- Use mental strategies to multiply and divide multiples of 10 and 100; use a written method to multiply 3-digit and 4-digit numbers by 1-digit numbers and estimate answers, divide 3-digit numbers by 1-digit numbers using a written method and express remainders as a fraction and solve division word problems.
- Use a protractor to measure and draw angles in degrees; recognise, use terms and classify angles as obtuse, acute and reflex; recognise that angles on a line total  $180^\circ$  and angles round a point total  $360^\circ$ ; identify and name parts of a circle including diameter, radius and circumference; draw circles to a given radius using a pair of compasses; relate angles to turns, and recognise that a  $360^\circ$  angle is a complete turn; use angle facts to solve problems related to turn.
- Place numbers to 100 000 and decimals up to two places on a line, round numbers to the nearest 10, 100 and 1000 and decimals up to two places to the nearest whole number; compare and order numbers with up to two decimal places; reduce fractions to their simplest form; know and recognise equivalent fractions and decimals to half, tenths and fifths.

***Any help at home with learning number facts, times-tables and telling the time would be beneficial!***

***Talk to your child's Class Teacher for ways to help.***

# Year 5 information

## The team:

Key Stage 2 Phase Leader: Mr Anderson

Aspen Class: Mrs Levantine and Mrs Cherry

Mr Ali, Mrs Laid and Mr Scrivens (Individual Needs Assistants)

Rowan Class: Miss Collis

Mrs Dale and Mrs Chittenden (Individual Needs Assistants)



## Exciting days and events:

Thursday 7<sup>th</sup> November: Year 5 trip to the planetarium

Monday 25<sup>th</sup> Thursday 28<sup>th</sup> November – Scholastic Book Fair

Tuesday 10<sup>th</sup> December: Celebration of Learning (2:45pm)

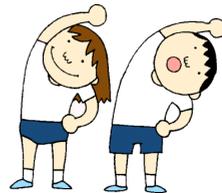
Monday 16<sup>th</sup> December 9.45am and Tuesday 17<sup>th</sup> December 2.15pm: Year 5 & 6 Christmas Concert

## PE & Library Days:

Outdoor PE: Friday

Indoor PE: Monday

Library: Monday



*NB: We ask that your child has their PE kit in school every day as there may be unforeseen timetable changes or additional activities planned. Please ensure this comes straight back into school if they take it home after a sports club.*

## Coats/snacks/drinks and equipment:

*Please ensure your child has appropriate clothing for cold/wet weather as we will often still go out when it is raining and remember to ensure they have a separate jumper for outdoor PE. We ask that every child has a water bottle in school and that break time snacks are put in the class box as soon as they come in in the morning.*



*Please don't hesitate to get in touch with your child's Class Teacher if you have any concerns or queries; our doors are always open.*

## Preview/review

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

*Last half term your big question was  
“World at War for Better or Worse?”*

*What did you learn?*

*This half term our big question is*

*“What’s out there?”*

*What do you already know?*

