

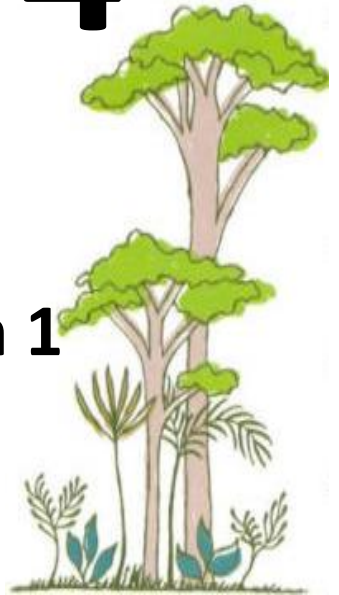


# Year 4



Guide To  
Spring Term 1

2017



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 question will be...

## *“What is under the layers?”*

This engaging topic will introduce children to rainforests around the world. They will learn what they are, where they are, what they contain and who lives there. Along the way, they will develop their skills by creating reports, creating their own rainforests and becoming David Attenborough!

**Science:** We will group animals and plants according to the features they have. Identify different types and sizes of habitat. Use food chains to explain the feeding relationships in habitats and discover how environments change and the dangers these pose to living things.

**Geography:** We will develop our geographical knowledge of rainforests, especially their location on a world map. Key features will be included on our world maps to demonstrate our learning.

**English:** Our English objectives are: to write a narrative based on the children’s understanding of events that could take place in a rainforest and to produce an eye-catching and well-organised information text about the layers within a rainforest. Finally, we will write a persuasive piece to encourage society to take responsibility for the endangered rainforests.

**DT:** We will use research and develop design criteria to create a building fit for purpose in the rainforest. We will apply understanding of how to strengthen, stiffen and reinforce more complex structures.

## Maths:

### Our main objectives are to:

Understand place value in 4-digit numbers, round 4-digit numbers to the nearest ten, hundred and thousand. Count on and back in multiples of 10, 100 and 1000 as well as 25, 50.

Solve additions and subtractions multiples of 10 and 100 to and from 4-digit numbers.

Use expanded written method for subtraction of 3-digit numbers with one exchange. Increase the efficiency of written subtraction using compact column subtraction.

Use vertical multiplication to multiply 3-digit numbers by 1-digit numbers.

Learn how to divide 2 and 3-digit numbers by 1-digit numbers by using both place value and mental strategies. Divide numbers by one given numbers to give numbers with remainders between 10 and 25.

Recognise 'tricky' number facts with a focus on the 7x table. Use factor pairs to solve multiplication and divisions with larger numbers

Use mental multiplication and division strategies including doubling and halving.

Identify  $\frac{1}{2}$ s,  $\frac{1}{3}$ s,  $\frac{1}{4}$ s,  $\frac{1}{6}$ s, and  $\frac{1}{8}$ s of amounts; realise how many of each make a whole; find non-unit fractions of 2-digit and 3-digit number and find equivalent fractions and use them to simplify fractions (halves, thirds and quarters)

Recognise and compare acute, right and obtuse angles. Draw lines of a given length and identify perpendicular and parallel lines.

Recognise and draw line symmetry in shapes. Sort and draw 2D shapes according to their properties.

***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 4 news and information

## **The team:**

*Mr Trahern (Sycamore Class Teacher Monday & Tuesday)*

*Mrs Levantine (Sycamore Class Teacher Wednesday to Friday)*

*Miss Lentz (Juniper Class Teacher)*

*Mrs Kirkwood (Teaching Assistant)*

*Mrs Dale (Individual Needs Assistant)*

*Mrs Hills (Individual Needs Assistant)*

## **Exciting days, trips and meetings:**

*Immersion in the forest – transformation of classrooms!*

*Building shelters*

*Forest School – Every Tuesday*

## **Library day:**

*Wednesdays - children can change their library books (One non-fiction and one fiction)*

## **PE Days:**

*Juniper: Monday morning – inside Wednesday morning - outside*

*Sycamore: Friday morning – inside Monday afternoon - outside*

*NB: It is helpful if your child can have their PE kit in school every day as there may be unforeseen timetable changes or additional activities planned.*

## **Homework:**

*Spellings: Set on a Tuesday, due in the following Monday.*

*Maths: Set on a Thursday, due in the following Tuesday.*

## **Coats/snacks/drinks and equipment:**

*Please ensure your child has appropriate clothing for cold/wet weather, including PE where they can wear tracksuits/longer trousers.*

## **Helpers:**

*We are always looking for any help with reading or with art projects, please come and speak to your child's class-teacher if you can offer any help or support.*

***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***