



Year 4



Guide To

Autumn Term 2

2016





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...

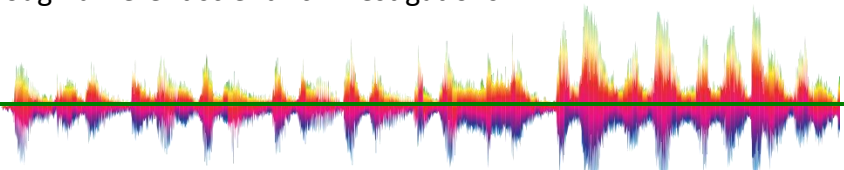
“What makes sound?”

and

“How do you build an image?”

In our first engaging topic, children will consider the origin of a mysterious sound as well as an in-depth look at the science behind sound and how we hear. The children will develop their skills by writing newspaper reports, investigating sound and studying our key text ‘The Wolves in the Walls’. In the latter part of the half term, we will have an art and design technology focus, based around gargoyles. The gargoyles will be our inspiration for poetry and character descriptions and we will even mould some out of clay!

Science: Our science this half term will focus on how sound is made, particularly looking at pitch and vibrations. The children will identify how sounds are made, recognise that sound travels in vibrations to the ear and find patterns between the pitch of sounds and what created it through different scientific investigations.



English: Our English objectives this term are:

To write a newspaper report based on the 'mysterious sound' heard around Rustington.

To write a comprehensive and accurate scientific explanation based on our sound topic in science.

To produce an imaginative and engaging character description of a gargoyle.

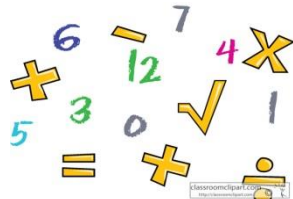
To write an atmospheric gargoyle poem.



DT and Art: In art and D.T. this term, we will study various examples of gothic architecture as well as studying the well-known architect, Antoni Gaudi. We will then use clay to model our very own gargoyles!



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 and events:

Christmas Fair – Friday 2nd December

Lower KS2 Christmas Carol Concert – Monday 12th December 10.15am

Library day:

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

PE Days:

Wednesday morning - Inside PE

Thursday afternoon – Outside PE

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: We will send spellings home on a weekly basis. Please find the explanation of how spellings will work this year in the front of your child's homework book.

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, so 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