



Half Term Curriculum Plan/Home Learning Letter

Year 5

Half Term: Spring 1 – January 2020

Dear Parents/Carers

I hope you had a good Christmas and are looking forward to a productive New Year.

In **Maths** we will be looking to:

Understand place value in 6-digit numbers by creating 6-digit numbers, placing them on a number line and solving place value additions and subtractions, order and compare 6-digit numbers and say a number between, understand the effect of multiplying or dividing a given number by 10, 100 or 1000; answers < 100000 and with not more than 2 decimal places; Multiply and divide numbers by 10 and 100 to give 1- or 2-place decimal answers, use place value to add and subtract 0.1 and 0.01 to and from decimal numbers, round 1- and 2-place decimals up and down to the nearest whole number, round 2-place decimals up or down to the nearest tenth; use mental strategies to add 2-digit, 3-digit and 4-digit numbers, add any pair of 1-place decimals, work out what number to add to a 2-place decimal to make the next whole number, understand addition and subtraction as inverses of each other and use this to find relationships, use counting up to subtract 4-digit numbers from near multiples of 1000, subtract 4-digit from 4-digit multiples of 1000 by counting up; apply divisibility tests for 2, 3, 4, 5, 6, 9, 10 and 25, identify factors and multiples, and begin to find common factors, use mental strategies to solve multiplications including multiplying by 0 and 1, dividing by 1, multiplying together three numbers, use mental strategies to solve divisions including dividing by 1, use efficient mental division strategies to divide large numbers; identify all the prime numbers less than 100 using Eratosthenes sieve, identify square numbers up to 100, understand concept of a square root, relate square roots to square numbers; devise a rule to work out missing angles, recognise that an equilateral triangle is a regular polygon with angles of 60°, compare and classify triangles, according to their properties; read relevant scales to the nearest numbered unit, measure, compare, add and subtract weights (masses) using kg/g, convert between different units of measure, e.g. kilometres to metres, metres to centimetres, etc., recognise and estimate volume and capacity using ccs and ml, interpret and present continuous data using line graphs.

In addition, we will continue with weekly arithmetic and tables tests, mastery and problem solving investigations. Please continue to support your children with their tables.

English: Our chosen core text is 'There's a Boy in the Girls' Bathroom by Louis Sachar. Using the text we will practice comprehension, hot-seating, build character profiles and biographies, diary writing, writing a prequel, letter writing and engaging in debate. Alongside our English lessons will be spelling, punctuation and grammar.

Science: – Our **Science** topic is entitled 'Circle of Life' where we will be looking at the life cycles of mammals, amphibians, insects and birds and understanding what makes a successful life cycle.

Topic: Our topic this half term is Geography based focussing on the UK. This will include locating and comparing the different countries and using maps and atlases to explore the UK's major cities. We will identify the key physical and human features of each country as well as understanding the different energy sources used in the UK.

In **RE** we will be exploring the question 'Does belief in Akhiraah (life after death) help Muslims lead good lives?' We will look at the ways in which Muslims try to lead good lives and how their belief in Akhiraah influences and guides them.

Computing: the class will explore coding where we will use sequence, selection and repetition in programmes and use algorithms to create and correct a sequence.

PE this half term will include swimming – please ensure your child has a swimming hat, one piece costume (girls) and trunks, not board shorts (boys). Goggles may be worn if wished. Our other PE unit will be Basketball – learning the rules and attacking/defending modes of play. It is vital that children have their PE kit in school at all times – PE days are MONDAY AND FRIDAY. With the colder weather, children are permitted to wear dark, plain tracksuit bottoms.

PSHE: The focus is 'Dreams and Goals'. We will explore what our dream job might be, the steps needed to attain it, understanding the aspirations of others and how to support each other on this journey.

Music: The class will study Classroom Jazz where children will learn to identify instruments used in Jazz songs and engage in improvisation.

Should you have any questions, please do not hesitate to come and see me either before or after school.

Home learning for this term is as follows:

Reading: 30 minutes + discussion per day at home – independent reading and reading out loud
Spellings: Set Monday tested Friday

Home Learning Task: Set Monday in Wednesday: Set Wednesday in Friday

PLEASE ENSURE YOU CHECK AND INITIAL YOUR CHILD'S WORK

Class Teacher: Lyn Reynolds

Date: January 2020