January 2018

Dear Parents

Happy New Year and welcome back to what will be another busy term. Can I take this opportunity to thank you for the lovely presents that myself and Mrs Morrison received from you and your children they were much appreciated.

This letter outlines the areas of study to be covered by the class during this term.
If you would like further details or wish to discuss your child's progress, I will be available most afternoons from 3.15 p.m. However, due to sports fixtures, courses and meetings, it would be best to telephone in advance.

Subject	Spring Term
Literacy	Poetry unit – Tell me a story Fiction unit – Oranges in No Mans Land Non- fiction: The museum of fun Word Detectives
Numeracy	See reverse
Science	Properties and changes of materials Living things and their habitats
RE	Lent Holy week Creation Parables and sayings of Jesus
ICT	Coding programmes using Lego we do Cross curricular
Art/design	To investigate the work of Kandinsky
PE	Trampolining Swimming Net Games
History	Local History
Geography	Investigating coasts
PHSE	Say no to bullying

Please remember that in year 5 as in every other year group it is important to hear your child read and question them on the text to improve their comprehension. The children will be receiving the following homework:
Daily- Reading
Tuesday- Times Tables
Thursday- Spellings (spellodrome)
Friday- Comprehension and Maths Task
Friday- mark maths task
Friday –Mental maths to be practised over the weekend in order to improve their score by 5 on Monday.

Thank you for your continued support and help.
Yours sincerely

Mrs A Green

Spring Term 1		
Wk	**Strands**	**Weekly Summary**
11	Number and place value (NPV); Decimals, percentages and their equivalence to fractions (DPE); Problem solving, reasoning and algebra (PRA)	Read, write and order numbers with up to 6 digits and understand the place value of each digit; place 6-digit numbers on a number line and find numbers between; solve place-value additions and subtractions with 6-digit numbers; understand place value in decimal numbers as tenths and hundredths; multiply and divide by 10/100/1000 using a place-value grid; understand place value in decimal numbers to 2-decimal places; place decimal numbers on a line; round two-place decimal numbers to nearest tenth and whole number; say the number a tenth or a hundredth more
12	Mental addition and subtraction (MAS); Problem solving, reasoning and algebra (PRA); Written addition and subtraction (WAS)	Rehearse mental addition strategies for decimals and whole numbers; use counting on as a strategy to perform mental addition of 2-place decimals to the next whole number; solve missing number sentences; use mental strategies to solve multi-step word problems; use counting up as a strategy to perform written subtraction (Frog)
13	Mental multiplication and division (MMD); Number and place value (NPV); Problem solving, reasoning and algebra (PRA)	Use rules of divisibility to find if numbers are divisible by 2, 3, 4, 5, 9 and 10; identity prime numbers; revise finding factors of numbers; find squares and square roots of square numbers; finding patterns and making and testing rules; use mental multiplication and division strategies; relate mental division strategies to multiples of ten of the divisor
14	Problem solving, reasoning and algebra (PRA); Geometry: properties of shapes (GPS); Measurement (MEA); Statistics (STA)	Know properties of equilateral, isosceles, scalene and right-angled triangles; find that angles in a triangle have a total of 180°; sort triangles according to their properties; use scales to weigh amounts to the nearest half interval; convert from grams to kilograms and vice versa, from millilitres to litres and vice versa, and from metres to kilometres and vice versa; read scales to the nearest half division; understand that we measure distance in kilometres and miles; use ready reckoning to give approximate values of miles in kilometres and vice versa; draw line conversion graphs
15	Written addition and subtraction (WAS); Problem solving, reasoning and algebra (PRA); Measurement (MEA)	Use a written column method to add amounts of money in pounds and pence; add 2-place decimals using written column addition; subtract decimal numbers using counting up (Frog)

16	Written multiplication and division (WMD)	Use a written method (grid) to multiply pairs of 2-digit numbers; use short division to divide 3-digit numbers by 1-digit numbers, including those which leave a remainder
17	Written multiplication and division (WMD); Fractions, ratio and proportion (FRP)	Find unit fractions and non-unit fractions of 3-digit numbers; use short multiplication to multiply 3-digit numbers by 1-digit numbers; begin to use short multiplication to multiply 4-digit numbers by 1-digit numbers
18	Geometry: properties of shapes (GPS); Problem solving, reasoning and algebra (PRA); Measurement (MEA)	Understand what a polygon is; draw polygons using dotted square and isometric paper; revise terms obtuse, acute and reflex angles, perpendicular and parallel sides; recognise quadrilaterals as polygons and identify their properties; classify quadrilaterals; draw regular polygons and explore their properties; revise metric units of weight, capacity and length; understand that we can measure in imperial units and relate these to their instances in daily life
19	Fractions, ratio and proportion (FRP); Problem solving, reasoning and algebra (PRA)	Place mixed numbers on lines; count up in fractions using equivalence; convert improper fractions to mixed numbers and vice versa; write improper fractions as mixed numbers and vice versa; multiply proper fractions by whole numbers
20	Written addition and subtraction (WAS); Problem solving, reasoning and algebra (PRA)	Solve subtraction of 4-digit numbers using written column subtraction (decomposition); add several numbers using written column addition; use column to solve problems