

## Year 5 Curriculum Autumn Term 2018

Dear Parents

This term we will be covering the following curriculum areas:-

**R.E:** Following the Learning and growing as the People of God scheme we will be covering:-

Sacrament of the sick, Marriage and Holy Orders, Advent, Christmas, Baptism

**Literacy:** Poetry unit – Poets voices,

Fiction unit – Oranges in No Man's land

Non- fiction animals on the move

Myths and legends

**History:** Victorians

**Geography:** The United Kingdom

**Science:** Earth and Space, Properties and changes of materials,

**P.E.:** Net games and dance

**ICT:** Simple coding

**French:**

**Art:** Cross Curricular

The children will be receiving the following homework:-

Comprehension, Times tables, maths task, spellings, daily reading and discussion of the text.

Please encourage the children to complete this and return it on time.

For those of you that were unable to attend the transition meeting in July, we discussed the opportunities for Y6 residential. The parents at the meeting voted for the children to go to PGL at Osmington Bay therefore Parent pay will be set up to give you the opportunity to start saving for this. If you have any questions please feel free to contact me.

Thanking you

AJ Green

Autumn Term 1		
Wk	Strands	Weekly Summary
1	Number and place value (NPV); Written addition and subtraction (WAS); Problem solving, reasoning and algebra (PRA)	Read, write, compare and order 5-digit numbers, understanding the place value and using < and > signs; add and subtract multiples of 10, 100 and 1000 to and from 5-digit numbers; use written addition to add two 4-digit numbers; sustain a line of enquiry; make and test a hypothesis
2	Mental addition and subtraction (MAS); Number and place value (NPV)	Add and subtract 2-digit numbers mentally; choose a strategy for solving mental additions or subtractions; solve word problems
3	Decimals, percentages and their equivalence to fractions (DPE); Problem solving, reasoning and algebra (PRA); Mental multiplication and division (MMD)	Understand place value in decimal numbers; multiply and divide numbers with up to two decimal places by 10 and 100; multiply and divide by 0 and 100; add and subtract 0.1 and 0.01; multiply and divide by 4 by doubling or halving twice; use mental multiplication strategies to multiply by 20, 25 and 9
4	Measurement (MEA)	Revise converting 12-hour clock times to 24-hour clock times; find a time a given number of minutes or hours and minutes later; calculate time intervals using 24-hour clock format; measure lengths in mm and convert to cm; find perimeters in cm and convert cm to m
5	Written addition and subtraction (WAS); Mental addition and subtraction (MAS)	Solve subtraction using a written method for 3-digit – 3-digit numbers and for 4-digit numbers; use counting up (Frog) as a strategy to perform mental subtraction; find change from a multiple of ten pounds using counting up

6	Mental multiplication and division (MMD); Fractions, ratio and proportion (FRP)	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
7	Mental multiplication and division (MMD); Written multiplication and division (WMD); Problem solving, reasoning and algebra (PRA)	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
8	Geometry: properties of shapes (GPS); Problem solving, reasoning and algebra (PRA)	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° and angles round a point total 360°; 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° angle is a complete turn; use angle facts to solve problems related to turn
9	Number and place value (NPV); Decimals, percentages and their equivalence to fractions (DPE); Fractions, ratio and proportion (FRP)	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
10	Mental addition and subtraction (MAS); Written addition and subtraction (WAS); Number and place value (NPV); Mental multiplication and division (MMD); Written multiplication and division (WMD); Problem solving, reasoning and algebra (PRA)	Revise mental and written addition and subtraction strategies, choose to use a mental strategy or written method to solve addition and subtraction, choose to solve word problems involving multiplication and division questions including 2- and 3-digit by 1-digit and 2-digit by 2-digit using a mental or a written method, use mathematical reasoning to work out a function, identify the operation being used on numbers, understand that addition and subtraction are inverse operations multiplication and division, use function machines