Bowmansgreen Primary School

Term Outline - Spring 2018　　　　**Year Group: 6**

Our main themes for work this term are outlined below.

We hope this will aid you in supporting your child in the work they do at school and with homework given.

English	**Narrative:** To use features of narrative writing to produce exciting and engaging stories. **Recounts:** Recapping and using the features to write a clear recount of events. **Explanation:** Linking to other curriculum areas, producing written and oral explanations that are accurate and clear. **Poetry:** Exploring poems along a theme. **Editing:** Developing greater independence in looking for opportunities to improve the quality of written work; including sentence construction and choosing vocabulary for impact.
Mathematics	**Number and place value** • read, write, order and compare numbers up to 10 000 000 and determine the value of each digit • round any whole number to a required degree of accuracy • use negative numbers in context, and calculate intervals across zero 　Calculation • identify the value of each digit to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places • solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why • perform mental calculations, including with mixed operations and large • multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication • divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context • solve problems involving addition, subtraction, multiplication and division • use their knowledge of the order of operations to carry out calculations involving the four operations **Fractions, Decimals and Percentages** • recall and use equivalences between simple fractions, decimals and percentages, including in different contexts • compare and order fractions, including fractions >1 • use common factors to simplify fractions; use common multiples to express fractions in the same denomination • add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions **Geometry** • compare and classify geometric shapes based on their properties and sizes • recognise, describe and build simple 3-D shapes, including making nets • draw 2-D shapes using given dimensions and angles • illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius • find unknown angles in any triangles, quadrilaterals, and regular polygons **Measurement** • use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places • solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate

	Statistics
	    • interpret and construct pie charts and line graphs and use these to solve problems
	    • calculate and interpret the mean as an average
	Algebra
	    • generate and describe linear number sequences
	    • find pairs of numbers that satisfy an equation with two unknowns

Science	**Evolution and inheritance -** This topic is intended to look at how living things produce offspring that are similar in appearance, but identical to themselves, whether they are plants or animals. They should also consider how animals change over time as evidence suggests they adapt to their surroundings. **Light –** children will be learning about how the eye works and how we see. They will also be investigating how light travels (and not always in straight lines).
Art	**Patterns –** We will be looking at patterns in nature; linked with the focus of our Maths mini-topic: Fibonacci.
ICT	**Information Models:** Children will develop expertise in spreadsheets, using both formulae and functions. They import and analyse data and use conditional formatting to vary the format of cells and create tools for specific user needs. They create models, identifying variables and using what-if modelling.
History	**Study of the Ancient Greeks –** We will be looking at key historical events during that time period; how their beliefs and discoveries impacted their way of life and ours today.
RE	**Community and service** We will learning about the key events of the Easter story.
Music	**Rhythmic patterns -** To be able to learn rhythmic patterns to a steady pulse with awareness of the metre. To be able to watch and listen with sustained concentration and work co-operatively.
Spanish	Children will continue to rehearse and refine their pronunciation and use of questioning and answering skills in Spanish.
PE & Games	**Games –** Indoor Athletics and Hockey **Gym –** Fitness tests – self-challenge.
PSHE *(Personal, Social and Health Education)*	**Friendship** Explored across the curriculum.

PE: Please can children have PE kit in school **every day**, suitable for both indoor and outdoor activities. It should be stored in a school PE bag, with boots or trainers in a proper boot bag (no supermarket bags in the cloakrooms please).

Some of the foundation subject units will be blocked and may appear in the summer term.