

## Year 4 Summer 2022 Curriculum Guide

### English

In the summer term, we revise and consolidate the key objectives we have covered in autumn and spring. We improve spelling through regular exercises and short tests, revision of spelling rules learnt and improve and develop punctuation and use basic grammar correctly. We revise writing skills that focus on a range of formats and audiences, study a range of texts to engage the boys' interests and ask them to learn a poem 'off by heart' to promote spoken language skills. Reading every day is recorded in the Reading Record, spelling tests take place every week and homework includes comprehension, creative writing and some online activities. We explore a class reader together and enjoy reading out loud and completing creative activities based on the plot, characters and setting.

### Maths

This term the boys will be placed in three groups, Mr Price will take a small group of boys to consolidate their number work but also to keep pace with the other two groups.

The topics that the boys will cover are: Measurement & Scale - Reading scales, use different measuring instruments, mark numbers on a scale; Area & Perimeter - Find area by: counting squares, simple shapes - squares and rectangles, triangles and then compound shapes; Find perimeter of rectangles, basic formula, regular shapes, compound shapes, measuring and recording objects; and Handling Data - Interpret data - bar graphs, frequency tables, tally charts & pictograms; draw bar charts and line graphs. This will take us to the end of the textbook for year 4. In the fourth week of the term boys will be sitting their Summer Test – an exam covering all the topics covered this year.

After the exams the boys will start the Year 5 syllabus as follows: Investigating number patterns- use function machines to investigate different patterns and sequences; look at differences and consecutive terms; Look at the inverse of a function; Look at shape patterns as well as number patterns; Roman Numerals - read and write roman numerals; calculate basic sums using roman numerals; Place Value - read and write large numbers - up to ten million; count in 10 000, 100 000 and 1 000 000's; Order and round to nearest 100, 10, 1 and tenth; Addition & Subtraction - Addition using the formal method with more than 4 digits; Subtraction using formal method with zero's and borrowing included; and Multiplication & Division - know that division is the same as a fraction; write remainders as a fraction; multiply and divide by 10, 100 and 1000; use factors to multiply; use formal method to multiply a 4 digit number (including decimals) by a single digit; multiply by multiples of 10, 100 and 1000,

The boys will also be using MyMaths, Hit the Button and ttRockstars to support their classwork and their homework and they will be continue to use BOFA this term as a homework activity.

## Science

The topics this term are sound, states of matter (continued from last term), and living things in their environments. We complete the unit on states of matter. We consider the nature of sound, how it is caused (vibrations), and how it travels; we do an experiment to measure the speed of sound; we make string telephones and consider how to improve them. We explore what animals can be found in various habitats; we consider the ways in which animals can be classified according to their characteristics, for example into vertebrates and invertebrates, into mammal, birds, reptiles etc.; we identify pond animals and look at microscopic animals under the microscope; and we consider the importance of conserving habitats.

## French

The key objectives in French are: to engage our students and communicate our passion for French and modern languages in general, to unlock the full potential of our students' ability to speak and write French, to promote a love of speaking a foreign language through entertaining and engaging teaching techniques and to introduce our students to the culture, geography and history of France.

These key objectives are covered alongside others in the units of work in each term. The topic areas and grammar for the Summer Term are as follows: weekend activities; physical descriptions, personality, introduction to adjectival agreements and the verbs avoir and être in the present tense – first, second and third person singular); places in town; summer holidays (vocabulary).

## Latin

Latin is introduced via the course book, *Minimus 1*. It provides an opportunity for boys to translate simple stories in Latin, to understand some vocabulary and grammar and to identify derivations in English (and occasionally in French). The key objectives are: to engage and maintain interest and curiosity about the Graeco-Roman world, to introduce boys to aspects of the Latin language, to provide a stimulating environment for the development of skills related to the learning of Latin, to establish links between the Latin language and English and to introduce boys to non-linguistic aspects of the ancient world with particular reference to Greek myth. In the Summer Term, boys will be introduced to vocabulary on the topic of the domestic Roman household and there will be a focus on slavery in Roman Britain. They will develop their understanding of verb endings in the present tense. We will also study the myths of Daedalus and Icarus and Pandora's box.

## History

This term we shall be studying the High Middle Ages, initially focusing on the Norman Invasion and Conquest (causes, courses and consequences). The key skills will be chronological understanding, continuity and change and an appreciation of causes and consequences.

## RS

This term we shall have a brief introduction to Islam: who is Muhammad, what is the Quran, what are the core beliefs, where is it practised.

## Geography

The geography curriculum is a spiral curriculum in which the boys will revisit topics and build on their knowledge and understanding of various geographical topics.

It is intended that the boys will become interested in the world around them and they will be encouraged to ask questions and carry out enquiries to their questions. They will develop their skills in reading maps and increase their knowledge of the world by learning about countries and their capital cities. They will learn that their world is constantly changing and through the topic of earthquakes and volcanoes, the boys will start to understand physical processes and reflect on the impact that natural disasters have in the local area.

## Digital Skills

Year 4 this Summer Term are going to begin by polishing off their entries for the Coding Competition. The boys will then be introduced to 2D Computer Aided Design software and produce a sign for their bedroom door which will be produced on the school's laser cutter.

## Art and Design Technology

The class will complete their projects of the ball-bearing maze which they started last term. Along the way they will learn about the brilliance of plastic but also the unfortunate colossal downsides of the material. The boys will be taught the importance of working with precision and an optimistic attempt will be made to instil the benefits of tidying as you go.

## Music

This term, boys will learn about music that tells a story (Programme Music), with a particular focus on 'In the Hall of the Mountain King' by the Norwegian composer Edvard Grieg. They will listen to and analyse this piece to identify some of the elements of music (articulation, dynamics, tempo, pitch) used by the composer in order to create dramatic story-telling effects. They will also have an opportunity to develop ensemble and rehearsal skills by playing the piece as a class orchestra using either their own instruments or school xylophones and percussion, and will continue to develop their understanding and confidence in reading notated music.

## Drama

In the summer term, the boys continue to develop their basic drama skills in improvisation, devising their own plays and exploring characterisation. We look at how to construct a whole puppet show and the boys get to make their own puppets and write their own script for a younger audience. The boys explore how drama can be used to enhance communication skills, empathy and creativity through a variation of techniques for the stage and screen.

## Physical education, Games and Swimming

**Games** – In Year 4 the boys start to play cricket with a soft ball therefore not needing pads and helmets. Matches are played where batters bat in pairs for a limited number of overs each and all players rotate round fielding positions. Boys are taught the correct basic techniques and encouraged to work well as a team. Boys are split into ability groups and train in squads for the cricket season which takes place this term. The objective is for each boy to represent the school in competitive matches against other schools and for our better players to aspire to play in the A and B teams. All boys travel to Sunbury Cricket Club for their games afternoons.

**PE** –Tennis will also be taught during the term. Movement and body positioning which allows greater success in playing shots will be explored. Pupils will know the process of preparing, movement and action required for playing each shot. Lessons will take place on the school playground using short tennis courts. Preparation and practise for Athletics day will take place during PE lessons.

**Swimming** – During this term, boys will revisit the fundamentals due to the time spent away from swimming lessons. Boys will continue to have the opportunity to complete timed swims with inter house galas calendared to take place.

## NVR

During the summer term, the boys will be tackling written and online non-verbal reasoning exercises. They will continue to learn searching for patterns, for example, by counting, looking at shapes, and using rotation and reflection. There will be a written exam for this subject.

## VR

In the summer term, the boys continue to explore how word puzzles are solved and complete activities in timed conditions, they do ten minute tests and use workbooks to familiarise themselves with exam style questions and problems.