

Year 5 Summer 2022 Curriculum Guide

English

During the summer term, the boys are taught to revise various styles of writing. Specific focus is on non-fiction writing and purpose, audience and format. They read a wider range of texts to understand how audience and purpose differs and apply specific language skills by using a variety of writing techniques such as emotive and factual language. Exam skills consolidated in the summer term with formal paper-based and online exams. We set homework linked to our class reader, unseen comprehension tests and exam-style writing tasks. We use BOFA to revise reading skills and set this as homework. Our class reader in the summer term is a play and introduces the boys to new literature conventions. There is a paper-based exam and an online exam in the style of the ISEB pre-test.

Maths

During the summer term the boys will be covering the following topics: Long multiplication - informal method using factors; informal method using partitioning; formal method; solving word problems; Division - using factors; solve word problems; Area & Perimeter - Recap the formula for area of a rectangle. Apply to real life (gardening or bedroom outline). Start looking at compound shapes and areas of triangles; 3D Shape -Recap properties of 3-D shapes. Name all 3-D shapes through their properties. Find and make their nets using polydron and start to calculate Volume.

In the fourth week of term the boys will be sitting their Summer Test – an exam covering all the topics covered during this year.

Afterwards, the boys will start the y6 syllabus and look at: Data Handling - Interpreting bar charts, frequency graphs and pictograms; Read and construct line graphs; Conversion Graphs, plot and interpret information from conversion graphs; Time - Read and write both analogue and digital times; Use and apply timings applied to days, hours and minutes; Knowing elapsed time; Interpreting timetables; Algebra - Inverse operations; Solve simple equations using number sentences; Introduce letters/shapes to represent numbers to move to basic substitution; Investigations with numbers - shaking hands; triangular numbers and patterns in numbers; use function machines to investigate different patterns and sequences; Look at the inverse of a function; Look at shape patterns as well as number patterns; Place Value & Negative Numbers - To hundred million and thousandths; Solve calculations using negative numbers; order and compare numbers; round numbers and then estimate calculations using rounding; understand BIDMAS.

The boys will also be using MyMaths and ttRockstars to support their classwork and their homework. BOFA will also be used as a good practice of exam-styled questions.

Digital Skills

Year 5 this Summer Term are going to begin by polishing off their entries for the Coding Competition. The basics of SketchUp software will then be introduced to the class so all those budding architects, engineers and set designers can get a flying head start on how to use this impressive and intuitive software package.

Art and Design Technology

Ping pong ball launcher project will be the main focus of the term. It functions similarly to a cricket bowling machine with two electric motors powering two counter rotating wheels which the ping pong ball is fed between. The class will assemble the components before wiring and soldering the circuit and finally constructing a stand or handle to assist aiming.

History

This term we shall be studying the Later Middle Ages and kings Edward I and II (Welsh and Scottish wars) and the 100 Years War (causes, courses and consequences), heralding in the Tudor dynasty. 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 Buddhism: who was Buddha, what are its core beliefs, where and how is it practised, what are its festivals.

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.

Key Objectives:

- Know what is meant by the terms latitude and longitude, and identify the main lines of latitude and longitude.
- Understand the use of 4-figure references on OS maps
- Use cardinal directions to 8 points on OS maps
- Interpret OS maps accurately using symbols and keys
- Revision of concepts associated with rivers, and settlement geography

Music

This term, the focus will be on aural training and music notation. Boys will develop their ability to identify the strong and weak elements of a beat and to distinguish aurally between 2, 3 and 4 beats in a bar. They will investigate the difference in 'feel' between the various time signatures and learn how to conduct them. We will also develop their understanding of tempo and how this can change the expressive effect of music. Notation work will include composing and writing down their own rhythms (and possibly short melodies) and using time signatures and bar lines correctly. They will listen and respond physically to a range of music illustrating all of the above and work co-operatively with a partner or small group on practical tasks.

Drama

In drama the boys get to explore how best to put on a play using masks they created last term. They will consider how best to direct, act and perform using masks and props. They will also work in groups to devise their own original pieces.

Physical Education and Swimming

Games – In Year 5 the boys start to play cricket with a hard ball and will use pads and helmets. Matches are played as far as possible 11v11 with adaptations as required. Techniques are developed further and added to. 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 be studied in lessons with boys. Following a recap of Tennis fundamentals. Lessons will create longer rallies and scenarios that they may use while playing in matches. 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. Times are taken over 20 metres to measure improvement and the better boys are invited to represent the school in competitive swimming galas both Nationally and against local opposition.

NVR

During the summer term, the boys will be tackling written and online non-verbal reasoning exercises. The focus will be on using the elimination and check back techniques to solve more challenging questions. Boys will also be working against the clock and aiming to improve their initial scores. There will be written and online exams in this subject.

VR

In the summer term, the boys will continue to master how to best tackle challenging word problems, explore where words come from and how to decipher the nuances of English language, they will use workbooks, ten minute tests and BOFA to revise their VR skills.