

Year 7

Spring 2nd Half-Term

Maths

This term we will be focussing on two topics; angles and decimals. Students will be able to calculate angles at a point, on a straight line, in a triangle and a quadrilateral. We will be studying angles within parallel lines to discover various rules so we can solve multi step problems with missing angles. Next, we will recap place value and consolidate multiplying and dividing by 10, 100 and 1000. Students will learn how to order decimals and perform the 4 operations on them. We will end the term looking at how to round numbers to a given degree of accuracy.

English

Pupils will explore writing triplets, 'Persuade, argue advise' beginning with writing to persuade. Pupils will identify and use persuasive techniques in their own writing. Pupils examine a range of advertising concepts with the view of creating their own campaign. Pupils will write a commentary on their piece of persuasive work ensuring they have used the necessary techniques, inclusive of rhetoric in their final speaking and listening piece.

Science

Students will recall the main features of photosynthesis and aerobic and anaerobic respiration. Students can describe 2 features of solids, liquids and gases and be able to recall what crude oil is and list some fractions in fractional distillation. Students will then be able to define transverse/longitudinal waves, amplitude, wavelength, period and frequency. I can describe what electromagnetic waves are.

Art

Students will be studying perspective drawing. Students will learn how to break down perspective. They will learn 1, 2- and 3-point perspective and using a variety of medium complete a series of final pieces.

Humanities

Pupils will begin to look at the differences between third world countries such as India and Kenya in contrast to developed countries, examining what constitutes a developed country through the exploration of the standard of living and the GNP.. Pupils will also explore what constitutes a superpower, looking closely at the military, economics and their soft powers, such as film, music, sports and brands.

PSHE

Health and puberty - This term in PSHE we will be exploring how to manage the physical and emotional changes of puberty, learning skills to support a healthy diet, mindset, body and routine. We will also learn about consent and how to respond to inappropriate and unwanted contact. We will learn how to access help and support about wellbeing.

PE

Tennis - Students will understand how to grip a tennis racket correctly (placement of hands). They will understand the rules and regulations of a tennis match. We will be learning the techniques of serving and develop the elements of footwork (Ready position, Split step, change of directions, moving steps, stance). Students will also be learning how to rally .

Work Skills

Students will be exploring different roles at work and the different job roles and responsibilities. Students will explore job roles they are interested in and the roles and responsibilities within the specific role.

Music

UNIT 4 will allow you to explore the concepts, tools and techniques used in music production in order to create a song of your very own. You will be personally guided through your learning journey by an expert music producer who will assist you in achieving your musical goals.

Catering

Pupils will learn how to plan out upcoming meals and what skills and techniques will be needed to create them. Pupils will also acquire and apply knowledge of food science. We will be doing some food science experiments as part of practicals in lessons alongside seeing the reactions foods have.