

Year 7

Spring 1st Half-Term

Maths

This term we will be looking at averages, fractions and algebra. Students will be able to represent data in statistical diagrams and calculate the mean, median, mode and range. Students will begin to think about which average is most appropriate for different data sets. We will consolidate KS2 work on equivalent fractions and build on this knowledge to perform all four operations. Students will develop their understanding of parts and wholes and become fluent in converting between improper fractions and mixed numbers.

Pupils will then move onto writing formulae. We will be able to create our own algebraic expressions from worded problems and learn how to simplify linear expressions and use substitution in linear equations.

English

In this half term Year 7 will be introduced to the idea that language has developed over time. They will explore the life and works of William Shakespeare through "Romeo and Juliet" reading extracts, graphic texts and film clips. They will sequence the story and create their own contemporary version. Throughout the term they will develop skills in planning, drafting and proofreading their own work, developing their use of grammar and punctuation.

Science

This spring term students will be exploring different types of drugs and diseases. Students will be looking into the arrangement and discovery of the periodic table – recognising the symbols associated with each element. Pupils will also understand the timeline of the atomic structure. Pupils will gain an understanding of chemical changes – looking into the collision theory and how it relates to rates of reaction.

Art

Students will be studying Still Life. Students will learn how to break down objects into more simplified forms and combine these together to create more complex forms. Students will also explore rendering objects. Students will conclude by creating their own shaded drawing.

Humanities

Pupils will learn about the positives and negatives of globalisation. Pupils will analyse trends using evidence and sources. Pupils will construct graphs through the evaluation of data and learn to make formal judgements.

PSHE

In PSHE this term we will explore diversity, prejudice, and bullying, focusing firstly on the concepts of identity, rights and responsibilities. We will explore the benefits of living in a diverse society and how to challenge prejudice, stereo types and discrimination. We will learn skills of empathy, resilience and self-regulation, learning how to evaluate the arguments and opinions of others. We will learn how to identify and respond to bullying, including how to access help and support.

PE

Basketball - Students will learn the basic rules and regulations of basketball. They will learn and have a clear understanding of the correct footwork (Pivoting) to avoid travelling. Students will also learn how to dribble a basketball (stationary). We will be learning the basic footwork to complete a lay up with both left and right hand.

Work Skills

Finding Job Opportunities Where jobs are advertised. Types of employment, Places of work.

Music

UNIT 3 provides an understanding in music technology and the recording process. These introduces both the technical and performance attributes of music technology. Develop and use ICT, communication, project management, time management and team working skills and increase learners' awareness of the different aspects of music technology.

Catering

Pupils will develop their knowledge and understanding of consumer food and drink choices and how this can be influence by other factors in life. We will be learning how to present food appealingly and write up descriptors of our foods.