

Year 7

Autumn 2nd Half-Term

Maths

This term we are learning about perimeter, area and working with negative numbers. Students will be able to use simple formulae to calculate the perimeter and area of a rectangle and a triangle. They will then develop this knowledge to calculate area and perimeter of compound shapes. Students will use a number line to order positive and negative numbers, including decimals. We will introduce the symbols $<$ (less than) and $>$ (greater than). Students will be able to carry out all four operations involving negative numbers.

English

Pupils will explore the text *The Boy in Striped Pyjamas* looking at themes such as family relationships, change and upheaval and power. Pupils will learn the effects of different narratives such as 1st and 3rd person. Pupils will analyse the language used and the purpose of the world being seen by a 9-year-old child. Pupils will identify the different use of sentence structure, grammar, punctuation and language techniques.

Science

Students for this term will study the major functions of key organs involved in human digestion and can recall some adaptation features of the heart. Students will look at the chemical bonds and structure. For physics, students will look at the properties of matter and shall be able to define alternating current and direct current and describe how electricity works. Implications of health and disease will also be introduced.

Art

Students will be introduced to paint, trying out different combination of mixing. Students will use water-colour and acrylic paint. They will produce a final painting using different mixed colours.

Humanities

Pupils will explore medieval Britain, looking at the Magna Carta and the emergence of parliament. Pupils will explore what it was like to live in a medieval town, disease, the black death and medicines used during medieval times. Pupils will examine how crime and punishment and recreation have changed over the years. Pupils will practice extracting information from text, writing extended answers to questions and creating a range of non-fiction text.

PSHE

Living in the Wider World - Developing skills and aspirations - We will be learning about careers, aspirations and the qualities and abilities required for different opportunities. We will be learning skills of problem-solving, communication, teamwork, leadership, risk-management, and creativity.

PE

Badminton - Understand the basics of rules and regulations of badminton. Learn how to grip the racket correctly. Learn how to rally with peers to create competition. Learning the variety of serves - Forehand serve & backhand serve.

Work Skills

Attitudes and behaviours in the workplace. Explain why it is important to follow an organisation's rules and procedures. Describe the benefits of positive attitudes and behaviours for self. Describe the benefits of positive attitudes and behaviours at work Interact appropriately with colleagues and customers. Follow organisational procedures governing attitudes and behaviours at work Identify own positive attitudes and behaviours. Describe how own attitudes and behaviours could be improved.

Music

UNIT 2. Pupils should be taught to sing or perform and play musically with increasing confidence and control. They should develop an understanding of musical composition, organising and manipulating ideas within musical structures.

Learners have the opportunity to develop a basic understanding of the values and principles which underpin all work in this sector, e.g. being able to work collaboratively with peers and guests from the music industry, team working skills, reflective learning, self-discipline, having a positive and cooperative attitude, self-assessment of strengths and weaknesses and self-improvement and development.

Catering

Pupils will acquire and demonstrate food preparation and cooking techniques. Pupils will also develop their knowledge on food hygiene and safety and also demonstrate this knowledge during practical lessons. Learn how to clean hands correctly and make sure we are continuously washing our hands throughout practical lessons. Make sure we are using correct coloured chopping boards for different types of foods.