

Year 8

Autumn 1st Half-Term

Maths

This term we will be looking at Ratio, proportion and symmetry. Students should be able to use ratio notation, simplify and use ratio to compare and find missing quantities. Students will look at the connections between fractions and ratios and how ratios can be useful in everyday life. Next, we will look at symmetry; students should be able to recognise shapes with reflective and rotational symmetry and draw in lines of symmetry as well as state the order of rotation. We will also study the properties of parallel, intersecting and perpendicular lines and be able to understand and use the properties of triangles and quadrilaterals.

English

DRACULA - Students will explore the cultural and historical context of the novel, learning to show empathy towards the main character. Students will study how tension is created by writing a story about a time when they were scared. We will be learning about 19C British society including values, beliefs and ideologies held during that time. We will learn about different writing techniques, reading for meaning and how to redraft their own work through skills such as proofreading. Pupils will answer questions in full sentences using quotations to back up their point of view, working towards writing structured paragraphs

Science

Students will analyse the key organelles and their functions in both animal and plant cells giving examples of specialised cells with their adapted features. Students will be able to explain diffusion and osmosis and give examples of each. Students will get the opportunity to state the key features of an atom including the charge, locations of subatomic particles and calculate reactant masses. Students will correctly substitute numbers into the kinetic energy, gravitational potential energy and power formulas as well as state different renewable and non-renewable energy sources.

Art

Students will have a recap to colour, including primary, secondary and tertiary. Colours, complementary and harmonious colours. Students will create 2D work using the colour theory.

Humanities

Year 8 will explore the Tudors and what life was like in 1509. Pupils will look at the different monarchs and what their succession meant for the people during the Tudor times. Pupils will use a range of sources to formulate their own ideas based on a range of evidence, creating clear and concise viewpoints.

PSHE

Health and Wellbeing - Drugs and alcohol - We will be learning about both medicinal and recreational drugs, including alcohol, tobacco, nicotine, e-cigarettes and energy drinks. We will be exploring the harms of substance use and learning skills to support managing influence and recognising positive social attitudes.

PE

Boxing - Students will learn a variety of boxing stances and when each may best be used in order to provide an effective defence. We will be learning how different punches can be put together in combination. Boxing will be non-contact at this stage – pad work only. Students will be able to explain the importance of discipline in boxing.

Work Skills

Receiving, responding to customer enquiry. Standards of service. Personal presentation. Customer query handling in sales interactions and responding empathically, Welcoming and taking customer orders. Students will also be able to identify characteristics employees need.

Music

Understand the language and terminology used in the music industry and explore how music is created, produced and communicated, including through the inter-related dimensions: pitch, duration, dynamics, tempo, timbre, texture and structure. (UNIT 1).

Catering

Pupils will deepen their knowledge of food and nutrition. We will be looking at the Eatwell guide and the portion sizes we need of each different category. Pupils will deepen their knowledge on food provenance. We will look at imports and exports and how food assurance schemes ensure all food is moved correctly. We will identify different type of risk assessment that food being transported will go through and why those measures are in place.