



Welcome to Autumn Term 2 Curriculum Bulletin for Year 10

Subject	What we are learning
English	Examining, analysing and interpreting key themes, characters and ideas within Charles Dickens' 'A Christmas Carol'.
Maths	Foundation - Revising and recapping how to expand, manipulate and express algebraic equations. Higher - Manipulating and utilising the laws of indices to simplify and calculate the value of numerical expressions.
Combined Science	Studying Atomic structure and the periodic table Bonding, structures and the properties of matter, Quantitative chemistry, Chemical changes and Energy changes
Biology	Studying Infection and Response and Bioenergetics
Chemistry	Studying Quantitative chemistry, Chemical changes and Energy changes
Physics	Studying Electricity, Particle Model and Atomic Structure
Geography	Human and physical geography of the UK, exploring topics such as population density, migration and settlement.
History	Health and Medicine in 19th - 20th Century; investigating disease and prevention through differing approaches to medicine and public health.
French	Studying French Festivals and French Celebrations including Food and Clothes
Hospitality and Catering	Introduction to the structure and the roles within the catering industry, alongside factors affecting their success. Learning the function, sources and effects of deficiency and excess of key nutrients in the diet as well as how processing and cooking affects them.
Music Technology	Having studied a wide range of musical genres; Rock, Reggae, Blues, Hip Hip and even country year 10 are now completing Unit 201ta coursework which looks at two contrasting music styles.
Music Performance	Learning the key features of Classical and Romantic music through listening, performing and composing. Students will be rehearsing and preparing for their Live Performance exam (Unit 202ta)
Dance	Develop an understanding of a variety of global dance styles. Focus on the historical context and the study of specific movement/techniques
Drama	Focused on Monologues & Duologues; short scripted extracts, focusing on character development and developing communication with an audience.
Health & Fitness/Core PE	Health & Fitness: Continued exam preparation that will cover all the body systems and principles of training. A mock exam paper will follow in December. Core PE: Outdoor team sports that will include rugby or netball. Please remember to bring suitable clothing and footwear.
ICT	Students will learn how hardware and software affects user interfaces and how to adapt and design their own interface. Alongside this, interleaved with project planning and key stages of a project.



Media	Plan the creation of a digital graphic for a set purpose and audience by interpreting a client brief and then producing a range of planning documentation. Developing an understanding of the law and how it affects how digital graphics and other products are used. Examining the safety procedures for work areas and increasing their awareness of safe working practices.
RS	A study of how Christians live their life and practice their religion day-to-day. Learners will also look at the future of the local and global church.
Child Development	Students will be exploring the Physical, Intellectual, Emotional, Social and Language mechanisms of development in children
Health and Social Care	Examining the impact of recreational drugs, alcohol and obesity on the internal organs of the human body
Art	Exploring the 4 disciplines of the BTEC, 2D, 3D, Graphics and Traditional fine art techniques; working from a client brief to produce all stages in the creation, marketing and design process.
Business	Learners will know and understand options for internal and external growth, the benefits of growth and be able to apply this in business
Engineering	Ensuring full understanding of Health and Safety Legislation; Regulations and Governance within Engineering.

Please discuss these topics at home, explore them in more depth through reading, watching relevant TV programmes, try new things at home, carry out some research. This will support your child's learning in the classroom.

For more information about these topics see our curriculum webpage:

<https://www.ormistonriversacademy.co.uk/ks4-curriculum>