



YEAR 10: SPRING

Welcome to our Spring term Curriculum Letter. There are plenty of [extra-curricular](#) activities for students to get involved in this half term and many departments will be running exciting activities.

More general information about the curriculum can be found [here](#).

This half-term, students will take part in our Challenge Day on 30th January. Year 10 will spend the morning in computing sessions, followed by team building bowling in the afternoon.

The departments that teach your child have contributed below to let you know what students will be studying this term.

ART

Students are continuing their investigation into the work of the St. Ives' artists after a visit to Tate St. Ives. They have already completed a substantial sketchbook submission for this. We now move into the phase where they will be working on preparatory sheets and on into compositional 'thumbnails' for possible final pieces. The final piece itself will be done in the Y10 Mock Exam (10 hours over 2 days).

BUSINESS STUDIES

Making the business effective, Understanding the external environment.

DRAMA

Intro to set text and devising coursework.

ENGLISH

Pupils have begun their study of their 19th Century Literature set text - A Christmas Carol by Charles Dickens - building their analytical skills in response to short extracts and developing a critical understanding of the writer's presentation of key ideas/characters/themes across the whole text. We will then begin our study of the English Language GCSE, focussing on AQA Paper 1 in which pupils respond to a fiction extract from a modern novel and complete a piece of creative writing. Pupils are encouraged to pay particular focus to their writing skills and accuracy as well as exploring how different authors craft texts using language and structural devices to impact the reader.

GEOGRAPHY

Urban Issues and Challenges.

Coastal Landscapes.

HISTORY

Students are continuing their work on GCSE Medicine, building on their knowledge of the Medieval Period and analysing the Renaissance, 19th Century and Modern Medicine, with an in depth focus on the British Sector of the Western Front 1914 - 1918.

MATHEMATICS

Bounds - Using their knowledge of error intervals to allow them to answer upper and lower bounds questions within lots of different contexts.

Trigonometry - This is advancing onto non-right-angled trigonometry, using the sine and cosine rule to calculate missing sides, sides and the area of scalene triangles.

MFL: FRENCH

La vie saine:

Food and meals.

What makes a healthy diet.

Sports (comparing past and present).

How to have strong physical and mental wellbeing.

Illness and injury (role play focus).

MUSIC

Composition 1, AOS Exploration - exam preparation, Ensemble Performance 1.

PHYSICAL EDUCATION

Core PE: Students are offered a range of sports and physical activities which develops their personal fitness and promotes an active, healthy lifestyle. They are able to choose 2 per week which they then develop skills in for half a term. They are taught to use and develop a variety of tactics and strategies to overcome opponents in either: hockey, badminton, volleyball, rugby, netball, or football.

They can also choose more aesthetics options like yoga or trampoline. Year 10 can opt in to use the fitness suite to develop energy systems, mobility, and various components of fitness needed for day-to-day life or to help improve them in their sport.

GCSE PE: Applied Anatomy and Physiology (Paper 1: Fitness and Body Systems) Structure and function of the cardiovascular system

- Arteries, capillaries and veins
- Vascular shunting
- Components of blood and their significance for physical activity Respiratory system - composition of air; lung volumes
- Location and roles of principal components of respiratory system Structure and function of alveoli

PSHE

Students finish off planning for work experience before moving back to the PSHE curriculum. They will look at various topics involving both personal and online safety in sessions such as cyberbullying & trolling, online blackmail and sextortion, and sexual harassment & sexual violence.

RELIGION, PHILOSOPHY & ETHICS

Students will continue studying the GCSE topic Christian Beliefs, before progressing further with Theme F: Human Rights and Social Justice. This unit examines religious (primarily Christian) and non-religious viewpoints on social justice, human rights, discrimination (racial, gender, and positive), wealth, poverty, and the exploitation of vulnerable groups.

SCIENCE

Biology:

Students are finishing the Unit 3 Health Topic and after this we are starting bio-energetics which consists of respiration and photosynthesis.

Chemistry:

Properties and reactions of acids and making salts. Energy changes in reactions and fuel cells.

Physics:

Combined Science:

Electricity in the home

Forces as vectors

GCSE:

Electricity in the home (end)

Forces as vectors

Motion

Forces and motion.

