



Parents Curriculum Information

Year 10

Half Term 1 2021-22

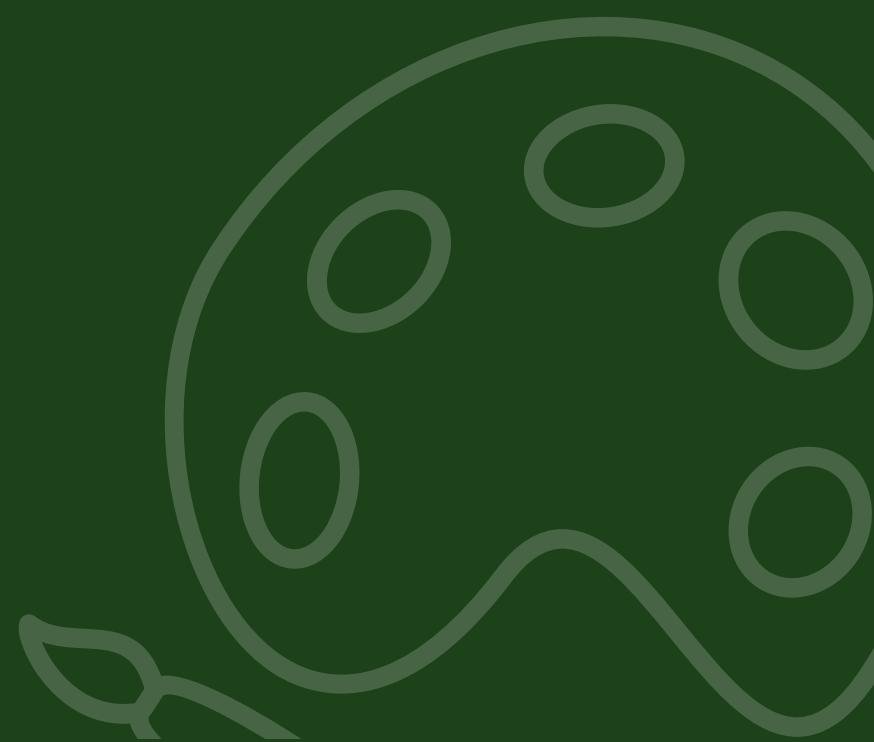




Art

This term we will begin our first piece of GCSE coursework titled 'Botanical Forms'.

Students will explore a range of artists who use this theme and investigate the materials and techniques they use before choosing their preferred styles of working. They will then begin to gather and collect their own research inspired by the theme and develop their ideas towards a final piece.



Business Studies

GCSE and OCR Business Studies

This half term students will be studying an introduction to business, before following their chosen route in business of GCSE Business or OCR in Enterprise & Marketing. Students will investigate; what a business is and how they strive to meet customer needs, through the use of segmentation and market research.





Child Development

This half term students focus on holistic development from birth to five years, developing their understanding of the expected norms across all areas of development: physical, intellectual, language, emotional and social.

They discover the range of activities that will support development in each area.



Citizenship

This half term in Citizenship Year 10 will be continuing with their Active Citizenship unit. Students will be continuing with planning of their personal project in the classroom, in preparation for putting their project into place in Y11.

Key elements we will study include:

- Media
- Bringing about change
- Bringing about political change
- Individual research





Computing

This term students are working on designing and creating a User Interface of a stadium called Neoteric in Leeds. They will need to consider the audience and purpose of the User Interface ensuring that all people from society will be able to use it.

Alongside this, students will be completing theory work looking at internal and external threats of Neoteric while considering protection methods and other cyber security related topics.



Dance

This half term students will be introduced to the BTEC TECH Award and will learn about the expectations, key features and assessment processes on the course.

Students will be developing their skills and their relationships as a group by creating a group performance and towards the end of the half term students will be introduced to Component 1 of their course "Exploring the Performing Arts."

Students will be introduced to the first of the professional works that they will study and will explore the piece through both practical and theory workshops.



Design & Technology

Engineering

Students in Year 10 Engineering will be working on Unit R106. Specifically, Learning Objective 3: Be able to analyse an existing product through disassembly. They will be taking apart a semi rotary pump in order to analyse the individual parts.

Textiles

Students in Year 10 Textiles will be embarking on their new project 'In the News'. This will involve researching the theme and analysing the work of fashion designer Vivienne Westwood and artist Jean-Michel Basquiat.

Graphics

Students in Year 10 Graphics will be embarking on their new project 'In the News'. This will involve researching the theme and analysing the work of artist Jean-Michel Basquiat.

Hospitality & Catering

Students in Year 10 Hospitality & Catering will be working on theory for Unit 1, Learning Objective 1: Understand the environment in which hospitality and catering providers operate. They will also complete a range practical dishes for Unit 2, Learning Objective 3: Be able to cook dishes.



Drama

This half term students will be introduced to Component 1 of their BTEC course, which is titled Exploring The Performing Arts. They will focus on the West End of London and the various productions showing in the theatres there. This will lead them to discussions on STYLE and GENRE, and looking at how different practitioners produce their work in unique ways. They will explore performing in different genres themselves.

Towards the end of the half term, the first professional scripted play we are studying will be introduced: Blood Brothers by Willy Russell.





English

Students in Year 10 English will be taught content for their Language and Literature GCSE side by side. The topics that will be the focus for the first half term are:

English Language

Spoken Language- Students begin their GCSE study by completing their Spoken Language endorsement. Every student will give a short presentation about an issue of their choice and will develop their communication and language use.

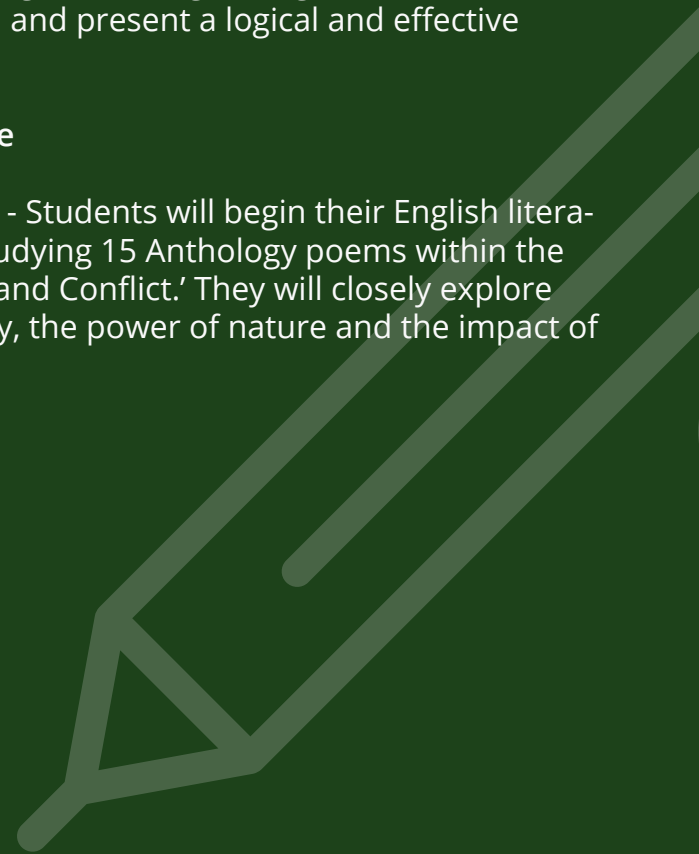
Discursive Writing - Refining their ability to communicate discursively with an audience, students will learn how to apply both language and structural features to speeches, newspapers reports and articles.

Language analysis (non-fiction) - Consolidating their language analysis skills from key stage 3, students will critically explore the meaning behind the writer's use of language.

Opinion and building an argument - Continuing to develop and re-apply discursive writing skills, students will learn how to apply a range of strategies to generate an informed opinion and present a logical and effective argument.

English Literature

Poetry Anthology - Students will begin their English literature course by studying 15 Anthology poems within the theme of 'Power and Conflict.' They will closely explore themes of identity, the power of nature and the impact of conflict.



French

This half term Year 10 linguists will begin by exploring cultural traditions of French regions such as Brittany and Provence. Students build upon prior knowledge of the town topic, learning about the environmental issues in their local area and comparing these with other towns. Students will learn about French cinema and be able to discuss famous actors and films using the present, imperfect and conditional tenses.

This feeds well into the following topic of global issues in which students debate which environmental issues are the most serious in their opinion and how they can contribute to a world which must try to alleviate them.

Students will learn about topics such as Moroccan flash floods, oil spills off the North coast of France and deforestation.





Geography

This half term Year 10 will learn about Natural Hazards. Students will learn about tectonic and atmospheric hazards, before exploring how climate change is influencing Earth.

Within this topic students will learn about:

- The contrasting effect of earthquakes in Nepal and Italy
- Devasting effect Typhoon Haiyan had in the Philippines
- Local effects that the Beast from the East had
- Global effects of climate change and strategies being used to manage this



Health and Social Care

In this half term students are introduced to the 5 rights of confidentiality, choice, consultation, equal and fair treatment and protection from abuse and harm.

Students develop an understanding of how the rights can be maintained.

Students will also learn about the values of care which should be applied in health, social care and early years setting to ensure effective care.





History

This half term the students will be covering the Conquest and Control portion of the Norman England topic before moving onto Conflict and Tension topic studying the League of Nations.

The focus of Conquest and Control is the events of 1066 leading up to William of Normandy becoming King of England and his rule of the country. Students will be developing their GCSE explanation skills by being able to give accounts of the battles of 1066 and their outcomes. We will be studying the factors that led to Harold's defeat at Hastings and explaining how William kept control in England.

Students will then start on the topic of the League of Nations. We will be studying the origins after the First World War and explaining the events that involve the League. Students will be analysing sources and interpretations as well as evaluating why the League was not successful in keeping peace.

The key areas we will study are:

- Claimants to the Throne
- Battle of Fulford and Stanford Bridge
- Battle of Hastings
- Castles and terror
- League of Nations organisation and powers



Maths

Higher

In the first half term year 10 students will be taught four topics and their first summative assessment is on the last week of the half term.

Indices – students build on the laws of indices they already know and learn how to calculate with negative and fractional indices.

Standard Form – students learn how to manipulate numbers in standard form as well as how to calculate with numbers in standard form with and without a calculator.

Trigonometric Functions – this is the students first introduction to Trigonometry which they will learn to use to find missing angles and sides of triangles.

Quadratic Sequences – in this topic students learn the difference between linear and quadratic sequences and how to find the n th term.

Foundation

In the first half term year 10 students will be taught four topics and their first summative assessment is on the last week of the half term.

Factors, Multiples and Primes – this is a topic that recaps their skills on using prime factor decomposition to find lowest common multiples and highest common factors.

Equations – students are taught to solve linear equations with brackets and fractions as well as unknowns on both sides of the equation.

Indices – students are taught to build on their knowledge of index laws and now have to work with more complex problems.

Angles and Bearings – this topic is introduced this half term and completed after the half term break. It begins with a recap of angle facts including angles in parallel lines.

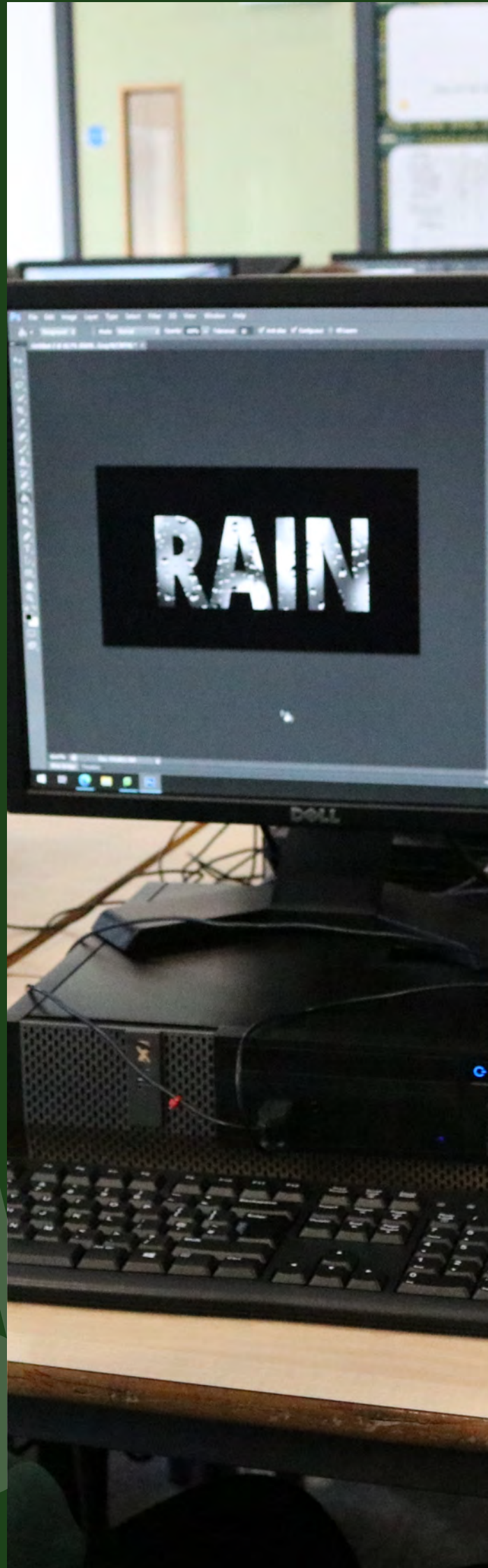


Music

This half term students will learn about British Invasion and Reggae.

For each genre they will listen to examples of songs, perform a small section of a song and complete written coursework which explains and evaluates the key features of the genre, which is a key part of component 1.

They will then practice recreating a British Invasion song in a Reggae style, changing the chord progression and the rhythm to demonstrate their understanding of the two genres. This will prepare them for component 3. They will reflect on how they used time management and how they ensured that they had the required resources, which are key skills in the music industry. This will be part of their coursework for component 2.



Photography

GCSE Photography this half term will consolidate all students learning by setting individual tasks to improve each child's coursework. In lessons this term students will complete tasks set previously, develop new ideas using Photoshop and take photos.

We want to ensure students have the strongest piece of coursework before they start their final year in uncertain times. The theme will continue as the 'environment' including landscapes, buildings, streets, seaside etc.

Home learning is essential: students are asked to take a minimum of 10 photographs a week. The homelearning photographs can be taken on the way to or from college, around the house, around the town or beyond. Therefore, please continue to encourage your child and ask to see their photographs. All photographs are used in lessons to develop and improve your child's coursework marks.





Physical Education

Core PE

Students in core PE are studying rounders, cricket and athletics. The students are encouraged to be active and demonstrate the college core values whilst competing in competitive sport.

BTEC PE

This half term, Year 10 BTEC PE students are studying all elements of Unit 1 Fitness for Sport in preparation for the externally moderated exam which is worth 25% of the overall grade for this subject.

GCSE PE

This half term the GCSE PE students will continue to study sports psychology focusing on performing enhancing drugs studying how they impact on a sports performance and the side – effects taking them can have on the human body.



Religious Education

This half term students will be studying Christianity beliefs and practices, in this topic students will look at the beliefs that shape Christian faith and the day to day practices that Christians undertake.

Students will study creation, prayer, The Trinity, Christmas, and Easter as part of this wider unit on Christianity. This unit will prepare students to move onto ethical units where they will be asked to apply religious beliefs to ethical topics.





Science

Trilogy Physics

This half term in Physics we continue with GCSE Spec 5 - the Forces topic We will look at:

- The link between force, work and energy.
- How elastic objects behave when forces are applied.
- The Required Practical on the extension of a spring.
- Students will then look at some comparisons between Scalar and Vector quantities including;
- Distance vs Displacement
- Speed vs Velocity

Trilogy Chemistry

In Chemistry this half-term students will finish learning about chemical analysis techniques, including chromatography and tests for gases. This will be followed by the Progress Check for this topic, which will cover pure substances and formulations, chromatography and tests for gases. Following the progress check and target time, students will study the evolution of the Earth's atmosphere over the last 4.5 billion years and how human impact has caused atmospheric and environmental changes. Finally, students will consider the collection and recycling of resources that can be obtained from the Earth and how we can produce potable water and treat the waste water generated by society.

Topics to be covered in Higher tier:

- Earth's atmosphere
- Global warming and climate change
- Pollutants from fuels

Topics to be covered in Foundation tier:


- Earth's resources
- Potable water and waste water treatment
- Life cycle assessments

Trilogy Biology

This half term students in Biology will be starting a new topic looking at inheritance & evolution. Students will be learning about the following topics:

- Reproduction
- The structure of DNA
- How gender, characteristics & diseases are inherited

The term will end with a progress check to assess students understanding & a target time lesson to ensure gaps in learning are closed.





Science

Separates Physics

This half term students will learn about the different stores of energy and how then can be transferred from one store into another. Students will complete a range of calculations in this topic. Limits to the availability of fossil fuels and global warming are critical problems for this century. Physicists and engineers are working hard to identify ways to reduce our energy usage.

Separates Chemistry

This half term students will learn that energy changes are an important part of chemical reaction and that the interaction of particles often involves transfers of energy due to the breaking and formation of bonds. These interactions between particles can produce heating or cooling effects that are used in a range of everyday applications. This will then be tested as part of a progress check with students completing a 'Target Time' lesson to close gaps in learning and address misconceptions.

Separates Biology

This half term students will be building on their knowledge from KS3 students look at how living organisms are organised. They start by looking at how the human body is organised where they will study the circulatory, digestive, and respiratory system in more detail. There are some nice dissections that they can take part in! Students will also look at how plants are organised. This will then be tested as part of a progress check with students completing a 'Target Time' lesson to close gaps in learning and address misconceptions.





Sociology

This half term in Sociology Y10 will be continuing with Social Stratification. This unit comprises of looking at how society works and the different classes within this. Students will be revising content covered during remote learning throughout this half-term. Including:

- Life chances
- Poverty
- Social mobility
- Globalisation
- The welfare state

Students will consolidate all knowledge learnt throughout this year in a final summative assessment, this will support planning for students as they move into Y11.



Spanish

This half term Year 10 linguists will begin by exploring cultural traditions of Spanish Bilbao and Madrid. Students build upon prior knowledge of the town topic, learning about the environmental issues in their local area and comparing these with other towns. Students learn about Spanish cinema and discuss famous actors and films using the present, imperfect and conditional tenses.

This feeds well into the following topic of global issues in which students debate which environmental issues are the most serious in their opinion and how they can contribute to a world which must try to alleviate them.



If you have any further
queries please
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