



Parents Curriculum Information

# Year 10

Half Term 2 2021-22





# Art

Botanical Forms; GCSE Coursework unit 1

In this half term students will work with greater independence making their own choices about the techniques, materials, artists styles and subject matter they wish to develop based on the theme of Botanical Forms. They will begin to select their favoured ideas and through further experimentation, develop designs for a final piece.

These will be produced in the final 3 weeks of this half term

Home-learning will be set weekly and students should now have their own portfolio or carry case in which they can transport their work between school and home. The art department is open most evenings after school if they wish to use the facilities.

# Business Studies

GCSE Business Studies

This half-term students will begin their GCSE Business qualification, which will involve students investigating how to set up a business and business calculations, e.g. calculating profit, breakeven and cashflow.

Home learning will be set weekly on Microsoft Teams in the form of ten multiple choice questions, which all students should complete to help them recall & retain business knowledge.


OCR Cambridge National in Enterprise & Marketing

This half-term students will begin their Enterprise & Marketing qualification, which will involve students preparing for the exam (R064) – Enterprise & marketing concepts & the completion of their coursework (R065) - Designing a business proposal.

Students will be sitting the real exam (R064) element of the course in May 2022 and is worth 50% of their final grade.

Students will be investigating product development & the development of a successful marketing mix, while considering external factors. In addition, they will be collecting market research to aid their decision making when developing a product for their coursework.

Home learning will be set weekly on Microsoft Teams in the form of ten multiple choice questions, which all students should complete to help them recall & retain business knowledge.





# Child Development

In this half term students are introduced to the range of observation methods used in early years settings. They develop their understanding of the advantages and disadvantages of the methods. They study the Early Years Planning and Assessment Cycle and consider the importance of ensuring that observations are up-to-date and accurate. Students carry out an observation, recording detailed notes to enable them to make accurate judgements about holistic development.

Students will be assessed through completion of elements of Task 2 coursework (D2, D3 & B2) and will also complete a written assessment to reflect knowledge covered since September.





## 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 how the Neoteric stadium staff use Cloud Storage and Cloud Computing.



## Dance

This half term students will be studying Rosas Danst Rosas by Anne Teresa De Keersmaeker and will be completing coursework and practical workshops to deepen their understanding of the piece, its Stimulus and how it was created from “page to stage”

The work that students complete will form part of a 30% section of their overall grade for the qualification. Coursework that students begin and work on in theory lessons will be set as home learning with clear deadlines for hand in.







# Design & Technology

## Engineering

Students in Year 10 Engineering will be working on Unit R106. Specifically, Learning Objective 1: Production Methods, Manufacturing Methods (including injection moulding), Standards & Legislation, Life Cycle Analysis and Sustainability.

## Textiles

Students in Year 10 Textiles will be continuing their project 'In the News'. This will involve embarking on Assessment Objective 2- sampling and development and Assessment Objective 3 - developing and creating ideas for the final piece.

## Graphics

Students in Year 10 Graphics will be continuing their project 'In the News'. This will involve analysing the work of artist Jean-Michel Basquiat and designer Eleanor Shakespeare.

## Hospitality & Catering

Students in Year 10 Hospitality & Catering will be working on theory for Unit 1, Learning Objective 1.4: Explain factors affecting the success of hospitality and catering providers. These factors will include: Costs, Profit, Economy, Environmental, Technology, Emerging and innovative cooking techniques, Customer demographics and lifestyle and expectations, Customer service and service provision generally, Competition, Trends, Political factors, Media. 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 will continue their side by side study of English Language and Literature in half term 2.

In English Language, students will begin with language analysis of non-fiction, consolidating their language analysis skills from key stage 3, students will critically explore the meaning behind the writer's use of language. Then, in an Opinion and Building An Argument scheme, they will work on continuing to develop and re-apply discursive writing skills, and will learn how to apply a range of strategies to generate an informed opinion and present a logical and effective argument.

In English Literature, students will complete their study of the 15 Anthology poems within the group of 'Power and Conflict.' They will closely explore themes of identity, the power of nature and the impact of conflict.

**Students will then sit a Summative Assessment of poetry analysis and discursive writing in the w/c 6th December.**



## French

We believe it's really important to allow time in the curriculum to retrieve prior learning so Year 10 students will begin with a week on recapping the final topic in Year 9; family relationships, helping students to embed the vocabulary into their long-term memory. Students will then spend three weeks learning about the Francophone traditional festivals in European French speaking countries such as Belgium, Switzerland, Corsica and Monaco, as well as developing their debating skills to discuss the arguments for and against marriage.

Our linguists will then 'stay in Europe' to learn about traditional sports and events such as La Tour de France, Le Grand Prix and Winter Olympic sports like the luge. This will continue to develop the topic of family as students will talk about shared or different interests. To get students into the festive spirit, they will finish the term by looking into a traditional French Christmas, comparing traditions on Christmas Eve and the infamous main meal!

**Students will then sit their Summative Assessment covering the topics of, Home & Town, Environment, Self & Family. This will test the following skills: photocard, listening, reading, writing and translation. (w/c 1st November).**





## Geography

This half term students will complete their Urban Fieldwork in Geography. Students complete two pieces of fieldwork during the GCSE course. The first piece builds on learning from the previous topic: Urban World. Students visit Barnsley where they look at regeneration and whether it has been a success.

After completing preliminary work in the classroom, students spend an afternoon on Cheapside, collecting data to then present and analyse back in the classroom.

- Students will develop the following skills:  
Demonstrate accurate and appropriate knowledge, understanding and application of geographical information and issues
- Use a basic range of geographical skills and techniques with some accuracy, showing some understanding of their purpose.
- Construct coherent some coherent arguments to draw conclusions supported by evidence



## Health and Social Care

In this half term students will apply their knowledge and understanding of effective communication and how it supports individual rights by completing their first coursework task.

They will consider how a range of communication techniques including verbal, non verbal, written and specialist can be used to provide effective care. Towards the end of the half-term they will come back to the exam unit where they will learn how personal hygiene, safety and security measures protect individuals.

**At the start of the half term students will complete a Summative Assessment**  
**Students will be assessed on Task 1 of their communication coursework**  
**"Communication methods used in health, social care and early years settings".**







# History

This half term, Year 10 History students will be completing their work on the League of Nations, then moving on to study the development of health and medicine during the Early Modern period. Students will begin by analysing whether the League of Nations was doomed to fail in its aim of achieving world peace, or was gradually undermined by the actions of its member nations. They will then move on to studying the 'beginnings of change' in health, for example with the first scientific analysis of the human anatomy and first successful vaccine.

The key areas we will study are:

- Manchuria
- Abyssinia
- William Harvey and circulation
- Edward Jenner and the smallpox vaccine
- The Great Plague of 1665



# Maths

Higher – These students have three topics this half term:

Surds – this will be the students first introduction to irrational numbers called surds. They will be taught how to calculate with surds as well as how to rationalise these numbers.

Ratio – In this topic students will be taught how to apply their knowledge of ratio into more complex problem-solving contexts. They will also learn how to combine two two-part ratios to form three-part ratios.

Cumulative frequency, Box plots, Pie charts and Scatter diagrams – in this topic students will learn how to represent data using the four different charts and be shown how to interpret information from these graphs. It will build on their knowledge of averages from y9.

Foundation – These students have four topics this half term:

Angles and Bearings – In this topics students are taught how to find missing angles in parallel lines and apply angle facts learned in y9. They are then taught how to apply this knowledge to finding bearings and using scales on a map.

Sequences – Students are taught how to generate terms of a linear sequence and find the  $n$ th term. They also need to learn to recognise other types of sequences e.g. Fibonacci and triangular numbers. Data, sampling and bias – in this topic students are introduced to the data handling cycle and the concept of bias. They are also shown how to do stratified sampling.

Ratio – in this topic students will need to apply their previous learning to a variety of contexts and problems as well as be shown how to combine two 2-part ratios into three part ratios.



# Music

This half term students will learn about the Romantic Period and EDM.

For each genre they will listen to examples of songs, complete a composition task in the style of the genre 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 piece from the Romantic Period in an EDM style, creating a hook over a four to the floor beat to demonstrate their understanding of the two genres. This will prepare them for component 3. They will reflect on how they showed self-discipline and how they captured their musical development, which are key skills in the music industry. This will be part of their coursework for component 2.



# Photography

Students continue to explore the theme of Natural Forms this half term. The curriculum focus will be on areas of Autumn Colour, Liquid Reflection and Viscosity, artists such as Andy Goldsworthy, James Brunt, Suzanne Saroff and Corrie White will inform the work created. Also, we will explore Adobe Behance, Adobe Spark as well as improving student's skills in Adobe Photoshop.

Home-learning continues to be essential and will take the form of 10 photographs minimum a week. Photographs taken out of the lesson really show a student's ability, they are then used in lesson gaining them greater marks toward their final grade.

Assessment is ongoing in this coursework subject and it is the quality of work produced every lesson that is import. **A Summative Assessment where students will be asked to work on a focused piece of work independently is timetabled toward the end of the half term.**







# Physical Education

## CORE PE

This half term students are continuing to undertake a wide variety of activities on a rotation each half term. The following activities offered this half term include Football, Netball, Rugby, Vaulting, Basketball, Hockey, Trampolining and Fitness. The students are encouraged to be physically active each lesson demonstrating the core values whilst competing in competitive sport. Students are also taught the importance of lifelong participation in physical activity.

## BTEC PE

This half term our Y10 BTEC PE students are studying all elements of UNIT 1 Fitness for Sport in preparation for an externally moderated exam which is worth 25% of the students' overall grade. Students will study components of fitness and the application of these within sporting context as well as fitness testing, training methods, exercise intensity, training zones and principles of training. The planned date for students to sit the exam is the week commencing 13th December 2021.

## GCSE PE

This half term the GCSE students will begin to study the anatomy and physiology of the human body focusing on the bones and muscles as well as the structure of a synovial joint and learning about joint movement in the body and during sport. Students will then move onto movement analysis of the lever systems, planes of movement and axis or rotation.



# Religious Education

This half term students will be finishing of looking at Christian beliefs and practices, this will be finalised approximately around the week commencing the 24/01/2021. Students will then complete a summative assessment testing their knowledge of the unit.

Students will then begin to study Theme B Religion and Life, this topic look at modern day issues that affect both religious and non-religious people in British society. These topics include modern day issues such as animal rights, pollution, and life after death. In this topic students will both apply religious and non-religious views to each topic.







# Science

## Trilogy Physics

In this half-term students will be finishing the Energy topic before completing a progress check (30 minute assessment). Following the progress check, students will be reflecting on their successes and areas for development in Target Time lessons, before starting the next topic on Electricity. Topics covered include:

- Power
- Series and parallel circuits
- Required Practical – Resistance

## Trilogy Chemistry

In this half term students will be learning about the reactivity of metals and using a variety of reactions to make comparisons between different elements. There will also be the second Required Practical in Chemistry, with students using two separation techniques to produce a soluble salt sample.

Topics covered include:

- Reactivity Series
- Oxidation and reduction
- Neutralisation
- Making salts

## Trilogy Biology

In this half term students will be learning about infectious diseases and how the human body responds to various pathogens. During this topic there will be a Progress check followed by a Target Time lesson, where students will reflect on their strengths and areas for development.

Topics covered include:

- Bacterial and viral diseases
- Human defence systems
- Vaccination





# Science

## Separates Physics

In this half-term students will be finishing the Energy topic before completing a progress check (30 minute assessment). Following the progress check, students will be reflecting on their successes and areas for development in Target Time lessons, before starting the next topic on Electricity.

Topics covered include:

- Power
- Series and parallel circuits
- Required Practical – Resistance

## Separates Chemistry

In this half term students will be learning about neutralisation reactions and evaluating the use of various indicators. This half-term builds on knowledge from the beginning of the year, with students completing two Required Practical lessons in Chemistry. The first practical is a titration; a technique for calculating exact quantities required for neutralisation. The second practical involves the use of two separation techniques to produce a soluble salt sample.

Topics to be covered include:

- Neutralisation
- Titrations
- Making salts

## Separates Biology

In this half term students will be learning about infectious diseases and how the human body responds to various pathogens. During this topic there will be a Progress check followed by a Target Time lesson, where students will reflect on their strengths and areas for development.

Topics covered include:

- Bacterial and viral diseases
- Human defence systems
- Vaccination







# Spanish

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Our linguists will then 'stay in Europe' to learn about traditional sports and events such as bull fighting, the renowned football team and some of the world's best tennis players like Rafael Nadal. This will continue to develop the topic of family as students will talk about shared or different interests. To get students into the festive spirit, they will finish the term by looking into a traditional Spanish Christmas, comparing traditions on Christmas Eve and the infamous main meal!

**Students will then sit their Summative Assessment covering the topics of, Home & Town, Environment, Self & Family. This will test the following skills: photocard, listening, reading, writing and translation. (w/c 1st November).**

If you have any further  
queries please  
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