



# Home Learning - Summer Term

June 2020

---

## What to expect

As time goes by it is hugely important that we do not let our young people fall behind with their education. Whether that's laying the foundations in Year 7, completing a GCSE course, or anywhere in between, we want students to be able to continue with their learning from the safety of their own homes. The existing schedule on which work will be set remains for years 7 and 8:

### Year 7

<b>Monday</b>	English	Maths	Science	Art/Design
<b>Tuesday</b>	Geography	History	Spanish	RE
<b>Wednesday</b>	English	Maths	Science	Music/Food
<b>Thursday</b>	Geography	History	Spanish	Drama/Computing
<b>Friday</b>	English	Maths	Science	RE

### Year 8

<b>Monday</b>	English	Maths	Science	Art/Design
<b>Tuesday</b>	Geography	History	Spanish	RE
<b>Wednesday</b>	English	Maths	Science	Music/Food
<b>Thursday</b>	Geography	History	Spanish	Drama/Computing
<b>Friday</b>	English	Maths	Science	RE

For years 9 and 10, we have adjusted the schedule as follows:

<b>Monday</b>	English , Maths, Biology
<b>Tuesday</b>	Options Subjects
<b>Wednesday</b>	English, Maths, Chemistry
<b>Thursday</b>	Options Subjects
<b>Friday</b>	English, Maths, Physics

Below is a brief summary of which topics/themes students can expect to cover in this final half term. This may deviate from our published Curriculum Plans which are followed in usual circumstances.

## Year 7

<b>Subject</b>	<b>Topic(s)</b>	<b>Description</b>
English	Fiction and Poetry related to WW1	Students will explore a range of fiction using WW1 and its context as stimuli. They will learn about the different reasons why war poems were written and go on to produce their own creative writing to share their responses to what they have learnt. Students will also be introduced to new vocabulary that links to the topic, which they will then be encouraged to use in their own writing. Alongside this, students will develop their spelling, punctuation and grammar skills through Seneca lessons.
Maths	Sequences Place Value Fractions, decimals and percentages Geometric Reasoning	Students will develop their understanding on a range of Maths topics. Each week will have a specific focus from the list of topics.. A knowledge organiser will be sent at the beginning of each week with worked examples of the types of questions they will be expected to answer. Questions will be set on Dr Frost Maths with video tutorials.
Science	Electricity	Students will develop their understanding of how electricity and magnetism helps us develop technology and improve lives.  This unit will be taught via a range of tasks including Google slides with embedded instructions and videos, Google quizzes, Educake questions, BBC Bitesize activities and Oak National Academy lessons.
PE	Health and Wellbeing	A range of activities to ensure students are keeping active and

		develop an understanding of the importance of living a healthy lifestyle.
Geography	Weather and Climate	<p>Students will explore numerous concepts including how we measure the weather and record it. They will also study the types of weather and climate we experience and why. Starting off with a UK focus the unit of work will move onto looking at extreme weather events such as Hurricanes and Tornadoes in the USA.</p> <p>This unit will be taught using a variety of methods including Powerpoints and worksheets with instructions, engaging video clips, BBC Bitesize activities, Seneca and also supported by resources from the MET Office where appropriate.</p>
History	<p>The Black Death</p> <p>The Peasants' Revolt</p> <p>The English Reformation</p>	<p>Students will investigate some of the key questions that help them understand how and why the power of England's rulers and the lives of those they ruled changed between 1348 and 1558.</p> <p>What did the Black Death do to you?          What did Medieval people think caused the Black Death?          How did Medieval people try to cure or prevent the Black Death?          What was the impact of the Black Death?</p> <p>Why did the Peasant revolt in 1381?          Were peasants better off after the Peasants Revolt?</p> <p>What role did religion play in the lives of ordinary people, 1100 - 1500?          What was wrong with the English church by 1500?          How was the new Protestant Church different from the Catholic Church?          Why did Henry VIII change the English Church? Is it too simple to say he just needed a divorce?!</p> <p>Students will complete a number of comprehension tasks, using information from websites like BBC Bitesize, videos and other documents. We will use Google Forms for the students to complete a quiz about what they have learned.</p>
RE	Places of Worship	An explanation and analysis of different places of worship. We will be looking at their exterior and interior, the importance of the different aspects of the buildings and the history behind them. We will look at a variety of buildings from a variety of religions.

		This unit will be taught using a range of tasks including: BBC Bitesize, research projects for the students to complete and Google form quizzes.
Spanish	Where I live	<p>Students will learn vocabulary to describe where they live and say where they come from. They will be able to give details about location and learn the names of cities and countries in the Hispanic world.</p> <p>This unit will be taught via a range of tasks including Sentence Builders, narrow reading comprehensions, Google quizzes, BBC bitesize activities, Activelearn and Seneca learning tasks.</p>
Art/Design	Illustration	<p>Students will be engaging with a variety of images they may recognise to discover any prior knowledge they have about Roald Dahl, Quentin Blake, stories, characters and what an illustrator does. Students will watch clips about Quentin Blake and describe the style of his work. The drawing task will be aimed at getting students to become more confident with their lines, loosen their lines and become less precious and more “flowing”. Students will draw in response to various extracts from Roald Dahl books. They will mix colours and try to apply colour like Quentin, depending on what materials are available at home. Using all this knowledge and experimentation students will then create their own character!</p>
Computer Science	iDEA	<p>Students will sign up to the website <a href="https://idea.org.uk/">https://idea.org.uk/</a></p> <p>Through a series of online activities students will work their way through a nationally recognised qualification to achieve digital badges from the topics citizen, worker, maker and entrepreneur. Students will develop their organisation, resilience, independent and problem solving skills.</p> <p>By collecting points (250) students will be working towards a Bronze certificate which will be sent to the student from Buckingham Palace.</p>
Drama	Setting the Stage	<p>Students will learn about roles within the theatre industry, from stage management to designers and those employed front of house. Students will explore a range of theatre set configurations, their advantages and disadvantages and their intended impact on the production and audience. Students will deepen their knowledge through research and a range of resources including PowerPoint,</p>

---

		online videos, BBC Bitesize and Google quizzes.
Food Preparation and Nutrition	Food Safety and Hygiene.	Students will be learning about the importance of food safety and hygiene including safe food storage. They will be exploring the differences in use by dates and best before dates. Food allergies and intolerances will be investigated. The danger zone and correct cooking temperatures will be studied. They will also explore how safety is ensured in food production.
Music	Composing and arranging	Students will be completing a creative project to arrange a piece of music. This will be done through Bandlab for Education. It will enable them to interact with music as well as use the elements of music to create an interesting piece of music.

## Year 8

Subject	Topic(s)	Description
English	Gothic Horror	Students will explore the genre of Gothic horror through a range of stimuli including extracts, images and video clips. They will learn about the origins of Gothic horror and its conventions, whilst also studying how to write an effective opening to a narrative piece of writing. Students will also be introduced to new vocabulary that links to the topic, which they will then be encouraged to use in their own writing. Alongside this, students will develop their spelling, punctuation and grammar skills through Seneca lessons, culminating in comprehension style tasks to assess their learning.
Maths	Coordinates and straight line graphs Representing data Probability Sequences Number Sense Transformations	Students will develop their understanding on a range of Maths topics. Each week will have a specific focus from the list of topics. A knowledge organiser will be sent at the beginning of each week with worked examples of the types of questions they will be expected to answer. Questions will be set on Dr Frost Maths with video tutorials.
Science	Ecosystems	Students will learn how organisms, including humans, depend on, interact with and affect the environments in which they live.  This unit will be taught via a range of tasks including Google slides with embedded instructions and videos, Google quizzes, Educake questions, BBC Bitesize activities and Oak National Academy lessons.
PE	Health and Wellbeing	A range of activities to ensure students are keeping active and develop an understanding of the importance of living a healthy lifestyle.
Geography	Fantastic Places	The students will explore numerous fantastic places from around the world. Each time the students will be directed to a specific place and complete a research 'passport' including the location, climate, human and physical geography of each place.  For this unit the students will complete a research project in the style of a 'passport' it will be supported by wider reading and websites they will be directed to. There are also numerous stretch and challenge tasks at the end of the passport that are optional to complete over the next few weeks.
History		Students will investigate some of the key questions that help them understand how and why the lives of ordinary people around the world



	<p>Women and the vote in Britain</p> <p>Slavery and the British Empire</p> <p>The struggle for freedom in the USA</p>	<p>changed dramatically in the period 1750-1920. What was life like for women in Britain in the late 19th Century? How did women try to gain the vote in Britain? Was Emily Wilding Davison a hero? Was the contribution of women to the First World War the most important reason some women were given the vote in 1918?</p> <p>What was the 'Triangular Trade'? Was Great Britain built on the backs of slaves? Why was slavery and the slave trade abolished in Britain?</p> <p>Why did the USA go to war with itself in 1861? Why didn't the American Civil War 'free' the African-American people of the United States of America?</p> <p>Students will complete a number of comprehension tasks, using information from websites like BBC Bitesize, videos and other documents. We will use Google Forms for the students to complete a quiz about what they have learned.</p>
RE	Pilgrimage	<p>This unit will be a detailed look at a variety of different pilgrimages from a variety of religions. We will be looking at the current practices of the different pilgrimages as well the history behind them.</p> <p>This unit will be taught using a range of tasks including: BBC Bitesize, research projects for the students to complete and Google form quizzes.</p>
Spanish	Food and Drink	<p>Students will learn how to say what food they like and dislike and give reasons for their opinions. They will be able to talk about mealtimes and typical Spanish dishes.</p> <p>This unit will be taught via a range of tasks including Sentence Builders, narrow reading comprehensions, Google slides with embedded instructions, Google quizzes, BBC bitesize activities, Activelearn and Seneca learning tasks.</p>



Art/Design	Photorealism	<p>Students will be investigating the work of the Artist Sarah Graham, a Photorealist who specialises in oil paint on canvas images of nostalgic items such as brightly coloured toys and sweets.</p> <p>Students will develop skills with Line, Shape and Tone to create realistic pencil drawings of sweets. Refine their skills with colour blending and shading to achieve realistic 3 dimensional objects and look at new ways of creating texture and interest in your drawings using mark-making techniques.</p> <p>Students will use the grid technique to improve their accuracy and look at the composition of their image, in doing this they can create their own photo shoot and position their own sweets to create an interesting image. Finally students will have a go at creating a final piece for their project. Students can use whatever materials they have available, just make it fun and colourful.</p> <p>After that if anyone needs an extra challenge there will be more candy images for you to have a go at later on!</p>
Computer Science	Code Combat	<p>Students will be asked to register an account on <a href="https://codecombat.com/">https://codecombat.com/</a>. Through a series of tasks students will develop their programming, creativity and independent skills by successfully guiding their chosen character through a range of puzzles and challenges. Who will be the ultimate Code Combat warrior?</p> <p>The more progress a student makes, the more challenges will be unlocked.</p> <p>Students will be supported by online skills/advice tutorials built into the website which they sign up to.</p>
Drama	Theatrical Design	<p>Students will learn about the contribution of design within a theatre production. Students will explore a range of design elements, including set, lighting, sound and costume. Students will deepen their knowledge through research and a range of resources including PowerPoint, online videos, BBC Bitesize and Google quizzes.</p>
Food Preparation and Nutrition	Seasonal Foods, Local produce,	<p>Students will explore when foods are in season and evaluate the benefits of local produce. They will investigate food provenance and how foods are processed e.g. wheat to flour and then what food products are made from this.</p>
Music	Composing and arranging	<p>Students will be completing a creative project to compose and arrange a piece of music. This will be done through Bandlab for Education. It will enable them to interact with music as well as use the elements of music to create an interesting piece of music.</p> <p>They will be using their skills to create their own drum beats as well as play and sing their own melodies into the project.</p>



## Year 9

Subject	Topic(s)	Description
English	Unseen Poetry	Students will explore a range of unseen poetry, whilst developing their analysis and reading skills. They will learn the process for reading, understanding and discussing poetry in preparation for written responses to the poems they have read. Students will also be introduced to new vocabulary that links to the topic, which they will then be encouraged to use in their written responses. Alongside this, students will develop their spelling, punctuation and grammar skills through Seneca lessons.
Maths	Transformations Factors and multiples Area and perimeter Fractions, decimals and percentages Sequences Ratio and proportion Algebraic manipulations Solving algebraic equations	Each week students will have a specific focus from the list of topics. Students will have seen elements of the topics in previous years and will be further developing their understanding. Tutorial videos will be available alongside the questions that will be set on Dr Frost Maths.
Biology	Ecology	Students will investigate the delicate and intricate balance of ecosystems.  Students will explore how humans are threatening biodiversity as well as the natural systems that support it.  All the Science lessons will be taught via a range of tasks including Google slides with embedded instructions and videos, Google quizzes, Educake questions, BBC Bitesize activities and Oak National Academy lessons.
Chemistry	The Earth's Atmosphere  Using the Earth's resources	Students will explore sustainable development and how environmental chemists study how human activity has affected the Earth's natural cycles, and how damaging effects can be minimised. Students will investigate the Earth's dynamic and forever changing atmosphere and how scientists are able to predict changes in weather and climate.
Physics	Atomic Structure	Students will explore the structure of the atom and the history of the atomic model.

---

PE		<p>A range of activities to ensure students are keeping active and develop an understanding of the importance of living a healthy active lifestyle.</p> <p>Students in the option group for GCSE will start to look at various topics which they will be studying as part of their Physical Education Qualification. Injury prevention, training methods, the principles of training will all be covered identifying the theoretical underpinnings of each topic as well as how they are practically enforced.</p> <p>This will be presented in various ways including worksheets, quizzes and research tasks set via Google Classroom.</p>
Geography	Resource management	<p>Students will explore the challenge of managing three specific resources - Food, Water and Energy. Students will look into the issues around these resources and methods to produce and conserve more of them in a more environmentally sustainable way.</p> <p>For this unit students will follow a workbook. The workbook is supported by the website ‘Internet Geography’ this includes numerous links to supportive reading and information. It also includes regular quizzes that give instant feedback and students record their scores on the final page on the workbook for each subsection. There are also regular recap and revision tasks throughout.</p>
History	The Holocaust and life under the Nazi Regime.	<p>Students will focus on how and why Hitler came to power in 1933. Focusing on the methods that he and the Nazi Party used. Students will then learn how and why life changed for ordinary people in Germany from 1933-1945, focusing on life for ordinary people, the new laws that were introduced and how this led to genocide where 6 million Jewish people were murdered under the Nazi regime.</p> <p>In each lesson, students will be directed to work through different resources such as word documents, BBC Bitesize lessons, Oak Academy lessons, YouTube clips with questions and Google forms quizzes.</p>
RE	Inspiration	<p>Religion offers people inspiration to live. Sometimes an inspirational life, a person’s example, a text or a piece of music crystallizes our thoughts. In this unit, students will identify what inspires them from a religion. They will explore different sources of inspiration from within religion and reflect on one aspect that inspires them. They will produce a piece of artwork to show their ideas and a written explanation to go with it. For further information you can visit <a href="https://www.natre.org.uk/uploads/Spirited%20Arts/Spirited%20Arts%20Resources.pdf">https://www.natre.org.uk/uploads/Spirited%20Arts/Spirited%20Arts%</a></p>

		<p><a href="#">2020%20competition%20details.pdf</a></p> <p>The unit will be taught using a range of tasks including BBC Bitesize, research tasks and Google form quizzes.</p>
Spanish	My City	<p>Students will learn vocabulary to talk about where they live, shopping and the advantages and disadvantages of living in a city.</p> <p>In each lesson students will be directed to work through different sections of an online booklet. Tasks will be supplemented with online resources including Quizlet, Activelearn and BBC bitesize lessons.</p>
French	Buying and ordering items / requesting information	<p>Students will learn transactional vocabulary for buying and ordering items and requesting information in readiness for the role play element of the GCSE exam. In addition they will practise key grammar points and tenses to improve accuracy across all four skills at GCSE.</p> <p>This unit will be taught via a range of tasks including Seneca Learning, Quizlet, Memrise and Oak National Academy lessons.</p>
Art and Design	Imagination in Isolation	<p>During LOCKDOWN/ISOLATION, students are going to collate a book/diary/journal of images, reflections and thoughts about this strange time we are living through.</p> <p>They will be asked to collect images, objects, mundane materials and household ephemera to document the things they interact with and the passing of time. Develop their imaginative and creative skills and focus on skilled drawings and detail. They will also use writing/words and quotes as part of their work to share their thoughts, feelings, experiences and ideas. Students will explore collage, layout, organisation and presentation skills.</p>
Computer Science	KS3 Transition to GCSE	<p>Students will be completing transition work from KS3 to GCSE. Students will be guided through a series of tasks which include, emerging technology, Cornell method of note taking, key terminology, recap key Python basics, network modelling, truth tables, binary basics and space invaders.</p>

---

Drama	Frankenstein	<p>Students will analyse and evaluate a live theatre-pre-recorded-performance of The National Theatre's 'Frankenstein'. Written tasks will firstly be a theatre review, then secondly, from the viewpoint of a student of drama, describing, analysing and evaluating extracts from the production, focusing on the areas of acting and production design (including set, lighting, sound and costume). Students will have access to a range of resources including PowerPoint, online videos and BBC Bitesize.</p>
Food Preparation and Nutrition	Food Science and Functional properties of food.	<p>Students will explore food science and investigate how different cooking methods affect the properties and nutritional value of food. They will explore how raising agents work and investigate, mechanical, biological and chemical raising agents. Practical tasks will be encouraged where possible but obviously this is optional.</p>
Music	Music Notation and Composition	<p>Students will be starting to read and use music notation (treble and bass clef) - a vital skill needed for GCSE music. They will be consolidating their music notation skills to create a piece of music which focuses on multi part harmony.</p> <p>This will lead onto them looking at what makes a good melody and starting to create their own pieces of music/melodies using music notation.</p>

## Year 10

Subject	Topic(s)	Description
English	Transactional Writing	Students will study a range of transactional writing including formal letters, articles and report writing. Different examples of each format will be explored and then used as stimuli for students' own writing in a similar style. Alongside this, students will also be working to produce a spoken language presentation on a topic they are interested in, ready to present on their return to school. Additionally, students will develop their spelling, punctuation and grammar skills through a Google Quiz.
Maths	Factors and multiples Fractions, decimals and percentages Area and perimeter Ratio and proportion Algebraic manipulation Solving equations Pythagoras and Trigonometry Straight line graphs	Each week students will have a specific focus from the list of topics. Students will have seen elements of the topics in previous years and will be further developing their understanding.  Tutorial videos will be available alongside the questions that will be set on Dr Frost Maths.
Biology	Ecology	Students will Investigate the delicate and intricate balance of ecosystems.  Students will explore how humans are threatening biodiversity as well as the natural systems that support it.  All the Science lessons will be taught via a range of tasks including Google slides with embedded instructions and videos, Google quizzes, Educake questions, BBC Bitesize activities and Oak National Academy lessons.
Chemistry	The Earth's atmosphere  Using The Earth's resources  Separate Science only (10TT 10AA)	Students will explore sustainable development and how environmental chemists study how human activity has affected the Earth's natural cycles, and how damaging effects can be minimised.  Students will Investigate the Earth's dynamic and forever changing atmosphere and how scientists are able to predict changes in weather and climate.  Students will be working through a synoptic review of paper 1 which will involve a range of video clips followed by Educake assessments.

Physics	Magnets and Motors  Space - Separate Science only (10TT 10AA)	Students will investigate electromagnetism and how electromagnetic effects are used in a wide variety of devices.  Students will develop their understanding of the scale and structure of the universe as well as investigating new questions that have emerged recently about concepts such as 'Dark matter'.
PE	Sports Psychology	Students will start to learn concepts for sports psychology and how the brain works in preparation for and during sports participation. They will also begin to investigate the socio-cultural influences in sport and why particular social groups may or may not participate based on cultural factors and barriers. Information will be presented through key word sheets, research tasks, videos and quizzes via Google Classroom and SENECA.
Geography	UK Economy	Students will be looking at how the UK economy has changed over time; this includes an in depth look at our changing employment structure as a result of de-industrialisation and our subsequent move to a more service and IT based economy. We will then explore the issues facing the UK today for example the North/South divide and possible solutions to this. Then we move onto looking at the UK's position in the wider world with engaging thought provoking topics including the E.U., Brexit and The Commonwealth.  Students have been provided with an online workbook, this includes a variety of tasks for them to complete and they are directed to which pages and which tasks to complete each time. Many of the tasks include links to YouTube videos and additional research websites.
History	Elizabethan England 1558-1588	Students will focus on what was Elizabethan society like in 1558-1588? And why is this time remembered as an 'age of exploration'? 1558-1588.  Students are now focusing on the Elizabethan England topic, paper 2 of the examination with the primary focus on society, life for ordinary people and exploration. Each lesson students will be directed to work through different sections of an online work booklet, each lesson will focus on one of the pages. Tasks will be supplemented with online resources including: Seneca learning, ActiveLearn, BBC bitesize, YouTube clips and questions, online google form quizzes and further reading resources.

RE	Issues of Good and Evil	<p>Students will be looking at a variety of topics including: Why some people turn to crime and the reasons we have punishments. As well as this, we will have a detailed analysis of the current Prison system, its pros and cons and how it has changed over the years.</p> <p>This will be taught using an electronic version of the textbook, Seneca and exam style questions.</p>
Spanish	Healthy living	<p>Students will practise vocabulary for food and be able to talk about diet, exercise and potential health problems and illnesses.</p> <p>In each lesson students will be directed to work through different sections of an online booklet. Tasks will be supplemented with online resources including Quizlet, Activelearn and BBC bitesize lessons.</p>
Art and Design	Photographic Techniques	<p>Students will investigate and try out the following Photographic techniques and subject matter. This will give them an insight into how to visually interpret different subjects. To visually investigate light, its properties and how it affects other objects and subjects. Students will be given the opportunity to create a work of art and to discover the beauty and interest in everyday items that may not appear interesting at first glance. Students will be focusing on the following aspects of Photography:</p> <p>Shadows, Shape and Pattern, Distortion, Symmetry, Natural and Artificial Lighting Indoors, Surrealist Photo Hacks, Flat Lay, Still Life, Line and Repetition.</p>
Computer Science	<p>Wired and Wireless Networks</p> <p>System Security</p>	<p>Students will consolidate this unit by developing an understanding of the use of the internet, DNS servers, cloud computing, hosting and virtual networks.</p> <p>Students will start to learn a new topic which will focus on the threats to computer networks. Here students will look at forms of attack, threats posed including malware, social engineering and poor network policy. Students will complete this topic by exploring ways to identify and prevent vulnerabilities including testing, policies and software.</p> <p>This work will be supported by class powerpoints, Craig n Dave videos, BBC bitesize, Seneca and Smart Revise.</p>

Drama	'The Tin Drum'	As part of their AQA GCSE written examination (Component 1: Understanding Drama), students will analyse and evaluate a live theatre-pre-recorded- performance of Kneehigh Theatre Company's 'The Tin Drum'. Written tasks will be examination-style responses which include, description, analysis and evaluation of extracts from the production, focusing on the areas of either acting or production design. Students will have access to a range of resources including PowerPoint, annotated videos, BBC Bitesize and exemplar examination paper responses.
Food Preparation and Nutrition	Functional and Chemical properties of food Science investigations.	Students will use the illuminate digital bundle to continue to explore the functional and chemical properties of food. They will be encouraged to complete practical work at home where possible but this is optional. We will then investigate how to conduct a scientific investigation in preparation for the non exam assessment task 1 in September.
Music	<p>Music for Film</p> <p>Fusions/bhangra</p> <p>Since You Been Gone - Set work</p> <p>Performance</p>	<p>Students will revise and build upon music for film from year 9 (area of study 3). They will be looking at how music affects a film and how the elements of music are used for effect.</p> <p>They will then move onto (area of study 4 - popular music and fusions). This will introduce them to the topic of Bhangra: learning what instruments are used and the main features of the style. They will then explore how music can be fused together to create a new style.</p> <p>They will continue working upon area of study 4 - by looking at the set work (Since You Been Gone). They will analyse the main features of the song and practise exam style questions.</p> <p>Their progress on their music performances will also be regularly checked upon during the term and they are encouraged to sign up to Showbie and post their progress there for feedback.</p>

Students are free to email teachers for academic support with any of the tasks set. Email addresses have been provided on ClassCharts. Should parents have any general queries, these can be directed to the enquiries email address: [enquiries@tarletonacademy.org](mailto:enquiries@tarletonacademy.org)

Mr McLardy