



Year 9 Autumn Term Blended Learning Booklet

If your child has to self-isolate, please use the following guidelines to ensure they are able to continue learning whilst at home:

1. Inform the school of the need for your child to self-isolate by contacting covid@woolmerhill.surrey.sch.uk
2. The school will inform your child's teachers.
3. Use the blended learning booklet to access on line learning for the subjects your child will be missing.
4. Encourage your child to follow their school day and dedicate 50 min (single lesson) or 1 hr 40min (double lesson) that would have been available to them in class. If they are unable to complete any tasks, please inform their teachers – this feedback will enable them to accommodate the needs of your child while they are isolating.
5. Home learning tasks will continue to be set via Google Classroom for all students whether in school or self-isolating and should be turned in by the set deadline.

Art

Autumn Term Overview:

- Research Still Life and how it has changed over time while learning about composition and perspective.
- Research and analyse the work of Michael C Martin and create own final piece in response to his work.

Useful websites:

- Perspective lesson, all the instructions on the video, please watch and complete tasks:
<https://classroom.thenational.academy/lessons/perspective-6dgkcc>
- Create a page looking at different composition rules by watching the video:
<https://www.youtube.com/watch?v=oAPXep8wPts>
- Watch a video and create a Michael C Martin study, add some facts to your page about the artist and analyse one of his artworks :
<https://www.youtube.com/watch?v=Gc4Hb69rSds>

Computing & IT

Autumn 1st Half Term

Autumn 2nd Half Term

Overview:

- E-safety: Sexting
- Simulating systems: Scratch project – use Scratch as a medium to develop a simulation (Disco) developing action sprites to control music playback and lighting patterns.

Overview:

- Edublocks Python – learn the principles of simple Python programming using a block based coding context.

- Computer Science (general): <https://www.bbc.co.uk/bitesize/subjects/zvc9q6f>
- Scratch website: <https://scratch.mit.edu/>
- Edublocks website: <https://edublocks.org/>
- Seneca website (KS3 Computing course): <https://senecalarning.com/en-GB/>
- <https://classroom.thenational.academy/units/intro-to-python-programming-9c22>
- <https://classroom.thenational.academy/units/python-programming-with-sequences-of-data-7716>
- <https://classroom.thenational.academy/units/spreadsheets-cc8b>

Design Technology

Autumn Term Overview:

- Students will rotate through three different Design Technology areas; Food, Textiles and Product Design.
 - In Food they will look at food commodities and nutritional content of food.
 - In Textiles they will demonstrate a range of hand printing skills to create a quad of lookdown inspired designs.
 - In Product Design they will complete a Graphics based project.

Design Technology

- Students should log onto the following google classroom for Design Technology tasks.
- Google classroom code: n6piwdx

<h1>Drama</h1>	
<p>Autumn 1st Half Term</p>	<p>Autumn 2nd Half Term</p>
<p>Overview</p> <ul style="list-style-type: none"> • Silent Movies • Students explore how to perform entertaining scenes in the silent movie genre. 	<p>Overview</p> <ul style="list-style-type: none"> • One of Us • Students study various play texts focusing on young people such as, 'Teachers', 'Secret Diary of Adrian Mole' and 'Find Me'. The challenges of bringing a script to life are explored and developed.
<p>Links to websites:</p> <p>Task 1: Make up a solo performance where you are running away from someone/something but it keeps getting away. Film and email to your teacher – aim for 45 seconds.</p> <p>Task 2: Script work – diary entry for a school student in a typical day at school. It can be based on your own experiences or completely made up. Write at least two paragraphs</p> <p>Stock Footage Silent Movies: https://www.youtube.com/watch?v=RWZD_bkNK-c</p> <p>Keystone Cops: https://www.youtube.com/watch?v=GwUUUqgfu-E&t=9s</p> <p>Buster Keaton: https://www.youtube.com/watch?v=frYlj2FGmMA</p> <p>Charlie Chaplin: https://www.youtube.com/watch?v=mpjEyBKSfjQ&t=51s</p>	<p>Links to websites and lessons:</p> <p>Please check google classroom for work.</p> <p>https://www.bbc.co.uk/teach/class-clips-video/english-literature-gcse-the-curious-incident-of-the-dog-in-the-night-time/zk8dy9q</p> <p>https://www.youtube.com/watch?v=ibvOXmXUA6k</p> <p>https://www.youtube.com/watch?v=m_PH4lCl2t4</p>

<h1>English</h1>	
<p>Autumn 1st Half Term</p>	<p>Autumn 2nd Half Term</p>
<p>Overview:</p> <ul style="list-style-type: none"> • Introduction to poetry and poetic techniques 	<p>Overview:</p> <ul style="list-style-type: none"> • Shakespeare and Sonnets
<p>Lesson One: https://classroom.thenational.academy/lessons/introduction-to-poetry-c9jkjd</p> <p>Lesson Two: https://classroom.thenational.academy/lessons/introduction-to-poetry-what-makes-a-poem-a-poem-6dk3jd</p> <p>Lesson Three: https://classroom.thenational.academy/lessons/introduction-to-poetry-big-ideas-and-emotions-in-poetry-6dj38c</p> <p>Lesson Four: https://classroom.thenational.academy/lessons/introduction-to-poetry-imagery-cgt68r</p> <p>Lesson Five: https://classroom.thenational.academy/lessons/introduction-to-poetry-structure-6th6cr</p> <p>Lesson Six: https://classroom.thenational.academy/lessons/introduction-to-poetry-rhyme-scheme-65k3gd</p> <p>Lesson Seven: https://classroom.thenational.academy/lessons/introduction-to-poetry-rhythm-6nhkjc</p> <p>Lesson Eight: https://classroom.thenational.academy/lessons/introduction-to-poetry-metre-6gukjd</p>	<p>Lesson One: https://classroom.thenational.academy/lessons/introduction-to-sonnets-7lhkjc</p> <p>Lesson Two: https://classroom.thenational.academy/lessons/the-features-of-a-shakespearean-sonnet-6rr64t</p> <p>Lesson Three: https://classroom.thenational.academy/lessons/iambic-pentameter-74v6ce</p> <p>Lesson Four: https://classroom.thenational.academy/lessons/sonnet-18-the-shakespearean-sonnet-68u62d</p> <p>Lesson Five: https://classroom.thenational.academy/lessons/sonnet-18-language-in-sonnet-18-chgp6d</p> <p>Lesson Six: https://classroom.thenational.academy/lessons/sonnet-18-structure-in-sonnet-18-chh3gt</p> <p>Lesson Seven: https://classroom.thenational.academy/lessons/sonnet-18-writing-about-sonnet-18-c4r64c</p>

French	
Autumn 1 st Half Term	Autumn 2 nd Half Term
<p>Overview:</p> <ul style="list-style-type: none"> • TV & films • Music • Books • Daily routine (Revision) <p>Grammar:</p> <ul style="list-style-type: none"> • Direct object pronouns • Near future [Revision] • Reflexive verbs [Revision] • Perfect tense of reflexive verbs 	<p>Overview:</p> <ul style="list-style-type: none"> • Future plans & predictions • Careers • Why learn languages <p>Grammar:</p> <ul style="list-style-type: none"> • Future tense • Quand + future tense • More connectives • Modal verbs [Revision]
<p>Links to websites and lessons:</p> <ul style="list-style-type: none"> • Google Classroom: https://classroom.google.com/h CLASS CODE: cddip3c • Seneca Learning Year 9 French REMOTE LEARNING group: https://senecalearning.com/en-GB/ Class Code: 8ocwb9jpae • Daily life and special occasions: https://classroom.thenational.academy/units/daily-life-and-special-occasionsb4df • Lessons 13 – 15 from ‘Free time’ • https://classroom.thenational.academy/units/free-time-2cc7 	<p>Links to websites and lessons:</p> <ul style="list-style-type: none"> • Seneca Learning Year 9 French REMOTE LEARNING group: https://senecalearning.com/en-GB/ Class Code: 8ocwb9jpae • Describing people: https://classroom.thenational.academy/units/year-9-unit-1-d903 • Future tense: https://classroom.thenational.academy/units/year-9-unit-3-d71f • Future tense: https://classroom.thenational.academy/units/year-9-unit-4-8c4f

<h1>Geography</h1>	
<p>Autumn 1st Half Term</p>	<p>Autumn 2nd Half Term</p>
<p>Overview - Development</p> <p>How development is measured and assess the reasons for the difference in the levels of development between countries and how this gap can be reduced.</p> <p>Key Themes / Questions to be explored</p> <ul style="list-style-type: none"> • How is development measured? • Why are some countries rich and some countries poor? • What impact does a lack of clean water have on a country's ability to develop? • What impact does disease have on a country's ability to develop? • What impact do TNCs have on a country's ability to develop? • How effective is tourism at reducing the development gap? • How effective is trade at reducing the development gap • How effective is aid at reducing the development gap 	<p>Overview - Africa</p> <p>The key human and physical characteristics of Africa and the challenges and opportunities facing Africa in terms of its physical geography, the population pressures that it faces, urbanisation, industrialisation and the prevalence of certain diseases and conflict.</p> <p>Key Themes / Questions to be explored</p> <ul style="list-style-type: none"> • What is the landscape of Africa like? • What is the pattern of climate and biomes across Africa? • What opportunities and challenges are products of desertification? • What impact does disease have on affected countries in Africa? • What are the opportunities and challenges of urbanisation? • What are the opportunities and challenges presented by transnational corporations (TNCs)?
<p>Links to websites and lessons:</p> <ul style="list-style-type: none"> • The 11 lessons in this online course cover everything that we will study as part of this scheme of learning. <ul style="list-style-type: none"> ○ https://classroom.thenational.academy/units/development-c36b • Measuring development, causes of uneven development, strategies to reduce the development gap and case studies. <ul style="list-style-type: none"> ○ https://www.bbc.co.uk/bitesize/guides/zvp39j6/revision/1 	<p>Links to websites and lessons:</p> <ul style="list-style-type: none"> • Physical geography of Africa, population distribution across Africa, historical factors affecting Africa and issues relating to the river Nile <ul style="list-style-type: none"> ○ https://classroom.thenational.academy/units/the-geography-of-africa-ddf8 • Introduction to Africa and Nigeria <ul style="list-style-type: none"> ○ https://www.bbc.co.uk/bitesize/articles/zk9tpg8 • The physical geography of Africa <ul style="list-style-type: none"> ○ https://www.bbc.co.uk/bitesize/articles/zfncbmd

<h1>History</h1>	
<p>Autumn 1st Half Term</p>	<p>Autumn 2nd Half Term</p>
<p>Overview</p> <p>We will be examining World War One and its aftermath. We will also be examining shift in political beliefs, discussing how these contributed to the beginning of World War Two</p>	<p>Overview:</p> <p>We will be examining the events of World War Two, including the Battle of Britain, the African Front, the war in the Pacific, D-Day, VJ Day and VE Day.</p>
<p>Links to websites and lessons:</p> <p>World War One</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/topics/z4crd2p • https://www.bbc.co.uk/teach/world-war-one-video-resources/zmqxyc • https://www.nationalarchives.gov.uk/education/resources/armistice-and-legacy/ • https://www.natgeokids.com/uk/discover/history/general-history/first-world-war/ <p>Political beliefs</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/clips/z8dr87h • https://www.bbc.co.uk/teach/class-clips-video/history-ks3-fascism/zknfy9q • https://classroom.thenational.academy/lessons/fascist-support-in-the-1920s-6cr36r?from_query=World+war+one?utm_source=copy-link&utm_medium=copy&utm_campaign=sharing-button&entry_quiz=true&exit_quiz=true&video=true&presentation=true&worksheet=true <p>World War Two</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/guides/ztydcwx/revision/1 • https://www.bbc.co.uk/bitesize/guides/z9s9q6f/revision/2 • https://www.bbc.co.uk/bitesize/guides/z9s9q6f/revision/1 • https://www.theschoolrun.com/homework-help/world-war-2 • https://www.bbc.co.uk/teach/class-clips-video/history-ks2-children-of-ww2/zm7wpg8 	<p>Links to websites and lessons:</p> <p>War in Europe</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/articles/zm9m6v4 • https://www.bbc.co.uk/bitesize/guides/z9s9q6f/revision/3 • https://www.nationalww2museum.org/war/articles/eastern-front • https://www.youtube.com/watch?v=Jdf3Slxir6w • https://www.iwm.org.uk/learning/resources/the-western-front <p>War in Africa</p> <ul style="list-style-type: none"> • https://www.nam.ac.uk/explore/struggle-north-africa-1940-43 • https://www.historynet.com/how-north-africa-became-a-battleground-in-world-war-ii.htm <p>War in the Pacific</p> <ul style="list-style-type: none"> • https://www.iwm.org.uk/history/a-short-history-of-the-war-in-the-pacific-during-the-second-world-war • https://www.youtube.com/watch?v=0ovXuSBwktM • https://www.nationalww2museum.org/war/articles/pacific-strategy-1941-1944 • https://www.ushistory.org/us/51d.asp <p>Ending of World War Two</p> <ul style="list-style-type: none"> • https://www.youtube.com/watch?v=m1ZsVOh5e4U • https://www.iwm.org.uk/history/what-you-need-to-know-about-ve-day • https://www.iwm.org.uk/history/what-happened-after-ve-day

Mathematics

Autumn Term Overview with links to websites and lessons:

Calculator Skills:

- General buttons <https://www.youtube.com/watch?v=rn-XjUVJtyw>
- Primes and Fractions <https://www.youtube.com/watch?v=VSsBBB2ISXY>
- Table of values <https://www.youtube.com/watch?v=ILQHr4ITJml>

Topics:

- Factors, multiples and primes: <https://classroom.thenational.academy/units/factors-and-multiples-18a4>
- Prime factor decomposition: <https://classroom.thenational.academy/units/prime-factor-decomposition-9030>
- Graphs: <https://classroom.thenational.academy/units/linear-graphs-3380>
- Percentages: <https://www.bbc.co.uk/bitesize/articles/zbxfbwx> <https://classroom.thenational.academy/units/percentages-d6a2>
- Finance: <https://classroom.thenational.academy/units/finance-5034>
- Circumference and Area: <https://www.bbc.co.uk/bitesize/articles/zr7796f> <https://classroom.thenational.academy/units/circles-a020>

Class teacher may also post other lesson specific tasks, links and resources on Google Classroom as appropriate.

Home Learning Tasks:

- SkillsCheck questions are set weekly on Google Classroom, with links to self-marking Google Forms. Scores are sent directly to class teacher.
- Hegarty Maths tasks are set regularly, reviewing work covered in lessons. Each task has an explanation video and a quiz, with additional help for individual questions. Work is marked online, and scores recorded for class teacher.
- To login students need their name and date of birth, and the password they set when setting up their account.

<h1>Music</h1>	
<p>Autumn 1st Half Term</p>	<p>Autumn 2nd Half Term</p>
<p>Music Theory</p> <ul style="list-style-type: none"> • Music History Cultural contexts • 1600- 20thC western Classical tradition • Renaissance • Baroque • Classical • Romantic • 20th C 	<p>Composing</p> <ul style="list-style-type: none"> • Blues LH patterns • Blues scale • Improvising • 12 bar structure • Ostinato • Hwk: research cultural context
<p>Link to lessons</p> <p>https://youtu.be/NOnQNnHGg-4</p> <p>https://youtu.be/Nnuq9PXbywA</p> <p>https://youtu.be/o1FSN8_pp_o</p> <p>https://youtu.be/4T3D5Q6Eq2w</p> <p>https://youtu.be/GXFSK0ogeg4</p> <p>Essential Home Learning:</p> <ol style="list-style-type: none"> 1. Learn the dates, names and main features of the 5 main periods of music history in the western classical tradition. <p>https://classroom.thenational.academy/lessons/to-understand-more-about-baroque-instruments-ensembles-and-textures-61j38d?utm_source=email&utm_medium=email&utm_campaign=sharing-button</p>	<p>Link to lessons:</p> <p>https://youtu.be/Yd60nI4sa9A</p> <p>https://youtu.be/ezPZxfS1jys</p> <p>https://youtu.be/095resoY0Ok</p> <p>Essential Home Learning:</p> <ol style="list-style-type: none"> 2. Blues Structure: https://youtu.be/5y4T9SkNYFo 3. Research the key musical features of the Blues (see above) 4. Listening and analysis of a blues song linking it to its historical and cultural context. 5. Blues Improvising: https://classroom.thenational.academy/lessons/to-explore-a-blues-scale-through-improvisation-6gtkcd?utm_source=email&utm_medium=email&utm_campaign=sharing-button

Religious Studies	
Autumn 1 st Half Term	Autumn 2 nd Half Term
<p>Overview: Is Climate change important to Religious Believers?</p> <ul style="list-style-type: none"> • Why is Climate Change important to Believers? • How will Christians try to help Climate Change? • Why do Muslims care about Climate Change? • Is Climate change an issue for Hindu's? • Do Buddhist's care about the Environment? • The Climate Campaign 	<p>Overview: What is Philosophy?</p> <ul style="list-style-type: none"> • An Introduction to Philosophy • The problem of existence • What makes you, you? • What is the Problem of Evil? • What is Plato's Cave? • Can we trust our Senses? • What does Emmanuel Kant think about lying? • How did the Universe come into Existence?
<ul style="list-style-type: none"> • Use BBC Bitesize to help your knowledge with every religion and their attitude to climate change. Use terms like 'BBC Bitesize Climate Change Christians' to find the correct teachings • Google the attitudes of the leaders of these religions; Pope Francis, Dalai Lama etc • Find recent news articles of things the believers in these communities are doing to help the Environment 	<ul style="list-style-type: none"> • To research the key teachings behind these philosophical questions • To use the names of the philosophers to find their work; Kant, Plato • To use YouTube videos to explain concepts like 'Utilitarianism' • Use BBC Bitesize to help with the Problem of Evil and Senses lessons • Type the lesson topic online and add the word 'philosophy' to the end • To think about how films and TV programs use Philosophy; The Matrix, Horton Hears a Who- how do they show us the bigger questions in life?

Science

Autumn Term

During the autumn term of Year 9 we are exploring the first two topics of the GCSE syllabus including:

1. **Biology: Cells**
2. **Chemistry: Atomic Structure and the Periodic Table**

Resources below will support learning in these areas however home learning and consolidation exercises will be set on Google Classroom and should be accessed, to ensure progress.

Specific Resources:

Biology: Cells:

OVERVIEW: https://www.youtube.com/watch?v=QCCp-Y_-7J0&list=PLidqqIGKox7X5UFT-expKluR-i-BN3Q1g

1. Cell Types and Structure: <https://classroom.thenational.academy/lessons/prokaryotic-and-eukaryotic-cells-6cr6ae>
2. Microscopy: <https://classroom.thenational.academy/lessons/microscopes-magnification-and-resolution-6mr38d>
3. Cell Specialisation & Differentiation: <https://classroom.thenational.academy/lessons/specialised-cells-74r66c>
4. Chromosomes and Mitosis <https://classroom.thenational.academy/lessons/genes-dna-and-chromosomes-7lgk6d>
<https://www.youtube.com/watch?v=RHyzVmbiA78>
5. Binary Fission <https://www.youtube.com/watch?v=OAcz-tFGY0Y>
6. Diffusion: <https://classroom.thenational.academy/lessons/diffusion-6ljker>
7. Osmosis <https://classroom.thenational.academy/lessons/osmosis-6wu3jd>
8. Active Transport <https://classroom.thenational.academy/lessons/active-transport-6mtk2r>
9. Adaptations to allow exchange
10. Topic Review <https://classroom.thenational.academy/lessons/cell-biology-review-part-1-60ukgt>
<https://classroom.thenational.academy/lessons/cell-biology-review-part-2-6lh62t>

Chemistry: Periodic Table and Atomic Structure

OVERVIEW: <https://www.youtube.com/watch?v=fN8kH9Vvqo0&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKI8W>

1. Atoms, Elements, Compounds and Molecules <https://classroom.thenational.academy/lessons/atoms-elements-and-compounds-6cv3ge>
2. Isotopes and Relative Atomic Mass <https://classroom.thenational.academy/lessons/isotopes-ccwp4c>

3. Separation Techniques <https://classroom.thenational.academy/lessons/separation-by-distillation-75jk2r>
4. Separation Techniques 2 <https://classroom.thenational.academy/lessons/separation-by-chromatography-69j3jr>
5. Separation Techniques 3 <https://classroom.thenational.academy/lessons/mixtures-filtration-and-crystallisation-60u38e>
6. Electron Configuration <https://classroom.thenational.academy/lessons/electron-configuration-and-the-periodic-table-6ljp4c>
7. Balancing Equations <https://classroom.thenational.academy/lessons/symbol-equations-6xh64e>
8. History of the atom / Periodic Table <https://classroom.thenational.academy/lessons/development-of-the-atomic-model-6crp2t>
<https://classroom.thenational.academy/lessons/periodic-table-development-6cwp8t>
9. Group 1 Alkali Metals <https://classroom.thenational.academy/lessons/group-1-cdk68r>
10. Halogens and Noble Gases <https://classroom.thenational.academy/lessons/group-7-c5h36c>

<h1>Spanish</h1>	
<p>Autumn 1st Half Term</p>	<p>Autumn 2nd Half Term</p>
<p>Overview</p> <ul style="list-style-type: none"> • Things I like • My week • Films • A birthday • Celebrity • Days out • Understanding challenging texts <p>Grammar:</p> <ul style="list-style-type: none"> • Irregular verbs in present tense • Near future • Preterite • 3 tenses together 	<p>Overview</p> <ul style="list-style-type: none"> • Work • Jobs you would like • Your future • Authentic texts <p>Grammar:</p> <ul style="list-style-type: none"> • “tener que” • Adjectival agreement • Near future • 3 tenses together
<p>Links to website and lessons:</p> <ul style="list-style-type: none"> • Google Classroom: https://classroom.google.com/h <ul style="list-style-type: none"> ○ Code to join: 5weewlf • Seneca Year 9 Spanish group: https://senecalearning.com/en-GB/ <ul style="list-style-type: none"> ○ Code to join: 98opcltso • Social time, family and friends including social media <ul style="list-style-type: none"> ○ https://classroom.thenational.academy/units/social-time-family-and-friends6aad 	<p>Links to websites and lessons:</p> <ul style="list-style-type: none"> • Google Classroom: https://classroom.google.com/h <ul style="list-style-type: none"> ○ Code to join: 5weewlf • Lessons 1 – 3 from Jobs and Future Plans: https://classroom.thenational.academy/units/jobs-and-future-plans-e531