

Carshalton Boys Sports College

Year 9

Work Outside the Classroom

Autumn Term 2023

Art

Week beginning	WOTC
11 September	Realistic drawing of a kitchen utensil in pencil
18 September	Draw an item of food that you like. It must be realistically drawn and show a range of tones and appropriate textures (pencil or colour pencil)
25 September	Observational drawing of an avocado shaded in colour pencils
2 October	Pen/Biro drawing of artichoke showing mark-making skills
9 October	Food collage using materials from home eg. magazines, wrapping paper and junk mail
16 October	Realistic pencil drawing of a hamburger
30 October	Realistic colour pencil drawing of a hamburger
6 November	Crushed coke can drawing in pencil
13 November	Research and analysis on specified artist
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	Monoprint
11 December	Artist copy

Business Studies

Week beginning	WOTC
11 September	Google Form quiz for the topics Successful Entrepreneurs and Taking Risks
18 September	Google Form quiz for the topics Market Research
25 September	Google Form quiz for the topic Primary & Secondary Research
2 October	Google Form quiz for the topic Types of Data
9 October	Google Form quiz for the topic Market Segmentation
16 October	Google Form quiz for the topic Fixed & Variable Costs
30 October	<i>Google Form quiz for the topic Total Costs</i>
6 November	Google form quiz on all topics completed so far as revision for assessment week.
13 November	Independent revision for assessment week. Resources such as lesson slides and lesson booklets can be used
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	Google Forms quiz for the topic Revenue & Profit

11 December	Google Forms quiz for the topic Break Even
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Citizenship	
Week beginning	WOTC
18 September	Human rights in the news - students will be asked to investigate a human rights issue that has been in the news over the last few weeks.
2 October	Employment Rights in the UK - students will be asked to research a contemporary case study highlighting a conflict in employment rights in the UK.
16 October	Revision: pupils will be asked to revise for a 'midpoint' multiple choice assessment on key concepts studied so far. To help students do this, revision techniques will be demonstrated and practised in class, and a revision guide covering key content will be shared with them.
6 November	Assessment week revision: Students will be asked to revise for an end of unit assessment on the topic they have been studying. To help students do this, revision techniques will be demonstrated and practised in class, and a revision guide covering key content will be shared with them.
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	'Development of Parliament' fact-file - students will be asked to complete a fact-file summarising key information and the significance of a key milestone in the development of parliamentary democracy in the UK.

Computer Science	
Week beginning	WOTC
11 September	Flipped learning video - watch and make constructive notes in your exercise book on 1.1 The purpose of the CPU: The fetch-execute cycle 1.1 Common CPU components and their function
18 September	Flipped learning video - watch and make constructive notes in your exercise book on 1.1 Von Neumann architecture
25 September	Flipped learning video - watch and make constructive notes in your exercise book on 1.1 The common characteristics of CPUs
2 October	Flipped learning video - watch and make constructive notes in your exercise book on 1.1 Embedded systems
9 October	Flipped learning video - watch and make constructive notes in your exercise book on 1.2 The need for primary storage 1.2 RAM and ROM
16 October	Prepare for End of unit test/Complete workbook
30 October	Flipped learning video - watch and make constructive notes in your exercise book on 1.2 Virtual memory
6 November	Flipped learning video - watch and make constructive notes in your exercise book on 1.2 The need for secondary storage 1.2 Common types of storage
13 November	Revision for internal assessment
20 November	Internal Assessment Week - No WOTC

27 November	Internal Assessment Week - No WOTC
4 December	Flipped learning video - watch and make constructive notes in your exercise book on 1.2 Suitable storage devices & storage media
11 December	Flipped learning video - watch and make constructive notes in your exercise book on 1.2 The units of data storage 1.2 How data needs to be converted into binary to be processed by a computer

Construction	
Week beginning	WOTC
11 September	1.8.1: Risks for employees. Complete the Know, Do & Review Tasks relating to the topic
18 September	1.8.1: Risks for employees. Complete the Know, Do & Review Tasks relating to the topic
25 September	1.8.2: Risk Assessments & Procedures. Complete the Know, Do & Review Tasks relating to the topic
2 October	1.8.2: Risk Assessments & Procedures. Complete the Know, Do & Review Tasks relating to the topic
9 October	1.8.3: Legislation, COSHH & HASAWA. Complete the Know, Do & Review Tasks relating to the topic
16 October	1.8.3: Legislation, COSHH & HASAWA. Complete the Know, Do & Review Tasks relating to the topic
30 October	1.8.4: Control measures & PPE. Complete the Know, Do & Review Tasks relating to the topic
6 November	1.8.4: Control measures & PPE. Complete the Know, Do & Review Tasks relating to the topic
13 November	1.8.5: Safely working with gas, water & electricity. Complete the Know, Do & Review Tasks relating to the topic
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	1.8.5: Safely working with gas, water & electricity. Complete the Know, Do & Review Tasks relating to the topic
11 December	1.8.6: Working at height & enclosed spaces. Complete the Know, Do & Review Tasks relating to the topic

Drama	
Week beginning	WOTC
11 September	Pixl work book tasks (online)
18 September	Pixl work book tasks (online)
25 September	Pixl work book tasks (online)
2 October	Pixl work book tasks (online)
9 October	
16 October	

30 October	<i>Consider revision activities for WOTC in preparation for internal assessments</i>
6 November	<i>Consider revision activities for WOTC in preparation for internal assessments</i>
13 November	<i>Consider revision activities for WOTC in preparation for internal assessments</i>
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	
11 December	

Engineering	
Week beginning	WOTC
11 September	Tools and equipment used in engineering, students must investigate the meaning of: 1. Different line types and what they mean on an engineers drawing 2. Different symbols and what they mean when used on an engineering drawing.
18 September	Wasting tools and equipment used in engineering: Students must investigate and be able to: 1. Identify specific wasting hand tools (files and saws) used in a metal workshop: 2. Identify and explain the use of each tool, 3. Identify and explain any safety considerations
25 September	Tools and equipment used in engineering, students must investigate and be able to: 1. Identify and label the parts of a pillar drill 2. Identify and explain the use of the tools used with a pillar drill 3. Identify and explain any safety considerations
2 October	Tools and equipment used in engineering, students must investigate and be able to: 1. Identify specific marking and measuring tools(scribe, square etc.) used in a metal workshop 2. Identify and explain the use of each tool 3. Identify and explain any safety considerations
9 October	Tools and equipment used in engineering, students must investigate and be able to: 1. Identify and label the parts of a metal lathe 2. Identify and explain the use of the tools used with a metal lathe 3. Identify and explain any safety considerations
16 October	Tools and equipment used in engineering, students must investigate and be able to: 4. Identify specific tools(thread cutting tools) used in a metal workshop 5. Identify and explain the use of each tool 6. Identify and explain any safety considerations
30 October	Properties and qualities of engineering materials: prepare for an assessment by: a) Learning the definitions and applications of the properties and qualities associated with the use of engineering materials
6 November	Prepare for your internal assessment by learning the hand tools used in engineering,

	<p>You should be able to:</p> <ol style="list-style-type: none"> 1. Identify each tool correctly 2. Describe what it will be used for 3. Describe how it can be safely used and any risks associated with each tool
13 November	<p>Prepare for your internal assessment by learning the machinery and the tools used in engineering, You should be able to:</p> <ol style="list-style-type: none"> 1. Identify each machine and the main parts correctly 2. Describe what it will be used for 3. Describe the tools you use with each machine 4. Describe how it can be safely used and any risks associated with each tool
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	<p>Scales of manufacturing in engineering, students must research:</p> <ol style="list-style-type: none"> 1. One off production and the advantages and disadvantages 2. Batch production and the advantages and disadvantages 3. Mass production and the advantages and disadvantages
11 December	<p>Automation in engineering, students must research:</p> <ol style="list-style-type: none"> 1. CAD/CAM systems that are used in the manufacturing of products in engineering 2. Advantages of using CAD/CAM 3. Disadvantages of using CAD/CAM

English	
Week beginning	WOTC
11 September	Research the American Civil War and Civil Rights Movement and create a fact page or timeline of events. Use the link shared with you on Class Charts if you need help to get your research started. You should include facts, dates, images and maps where relevant.
18 September	Create a timeline showing a history of slavery from its beginning through to abolition OR a timeline of the Civil Rights movement in the USA.
25 September	Write a short biography of Toussaint L'Ouverture or Nanny de Maroon who led slave rebellions in the fight for abolition of the slave trade.
2 October	Method revision tasks.
9 October	Research Martin Luther King and write a short summary of his life, focusing on the key points.
16 October	Write a news article / newspaper front page describing Dr. Martin Luther King's epic march from Selma to Montgomery in 1965.
30 October	Write a letter to persuade the Prime Minister that the African artefacts in the British museum should be returned to their country of origin or justify why they should stay in the British Museum.
6 November	Read the article about George Floyd and write a short summary, focusing on the key points.
13 November	Read the poem, called 'Checking out me history' by John Agard, and label onto the poem any methods you can find (i.e. simile, metaphor, repetition etc.).
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC

4 December	Record a video or write a speech explaining to a Year 8 why Roll of Thunder is an important book to read. Further guidance will be given to you in class and shared on Class Charts.
11 December	Record a video or write a speech explaining to a Year 8 why Roll of Thunder is an important book to read. Further guidance will be given to you in class and shared on Class Charts.

<i>French</i>	
Week beginning	WOTC
11 September	<ul style="list-style-type: none"> -Vocabulary test 1 (5 short phrases based on the topic of opinions of sport) -Online tasks assigned on Language Gym (sport) www.languagegym.com -Tasks assigned on Duolingo www.duolingo.com
18 September	<ul style="list-style-type: none"> -Practise a sentence giving a justified opinion on sport to say in class (an optional challenge will be given) -Online tasks assigned on Sentence Builders (sport) www.sentencebuilders.com -Tasks assigned on Duolingo www.duolingo.com
25 September	<ul style="list-style-type: none"> -Vocabulary test 2 (5 short phrases based on the topic of social media). -Online tasks assigned on Sentence Builders (social media) www.sentencebuilders.com -Tasks assigned on Duolingo www.duolingo.com
2 October	<ul style="list-style-type: none"> -Practise a sentence describing use of social media to say in class (an optional challenge will be given) -Online tasks assigned on Language Gym (social media) www.languagegym.com -Tasks assigned on Duolingo www.duolingo.com
9 October	<ul style="list-style-type: none"> -Vocabulary test 3 (5 short phrases based on the topic of family). -Online tasks assigned on Sentence Builders (family and adjectives) www.sentencebuilders.com -Tasks assigned on Duolingo www.duolingo.com
16 October	<ul style="list-style-type: none"> -Practise a sentence describing a family relationship to say in class (an optional challenge will be given) -Half term online tasks assigned on Language Gym (passé composé) www.languagegym.com -Tasks assigned on Duolingo www.duolingo.com

30 October	<ul style="list-style-type: none"> -Vocabulary test 4 (5 short phrases based on the topic of leisure activities in the past) -Online tasks assigned on Sentence Builders (past leisure activities) www.sentencebuilders.com -Tasks assigned on Duolingo www.duolingo.com
6 November	<ul style="list-style-type: none"> -Practise a sentence describing what you did last weekend to say in class (an optional challenge will be given) -Online tasks assigned on Language Gym (related passé composé verbs) www.languagegym.com -Tasks assigned on Duolingo www.duolingo.com
13 November	<ul style="list-style-type: none"> -Online tasks assigned on Sentence Builders and Language Gym (general revision of SBs 1- 4) www.sentencebuilders.com www.languagegym.com -Practise key language in SBs 1-4 (e.g. create flashcards on Quizlet) -Tasks assigned on Duolingo www.duolingo.com
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	<ul style="list-style-type: none"> -Vocabulary test 5 (5 short phrases based on the topic of future leisure plans) -Online tasks assigned on Sentence Builders (future leisure plans) www.sentencebuilders.com -Tasks assigned on Duolingo www.duolingo.com
11 December	<ul style="list-style-type: none"> -Practise a sentence describing what you are going to do this weekend to say in class (an optional challenge will be given) -Tasks assigned on Duolingo www.duolingo.com -Research and present information on a PowerPoint on an allocated Francophone festival

Geography	
Week beginning	WOTC
11 September	PHYSICAL GEOGRAPHY PAPER 1. Geology - Create Poem, Rap or Song that includes and explains the processes of the Rock Cycle
18 September	Geology - Complete the questions from Geog.3 5th ed. P9 on the Three Rock Groups
25 September	Geology -1. Prepare for 'ASSESS' question 'What affects the types and rates of weathering around the World' using class notes. 2. Complete 3 revision postcards using guidelines given. 3. Consider purchasing the Revision Guide for £3.75.

2 October	Biomes & Climate - Complete one of the three options for the Global Climate Model (differentiated and on ClassCharts)
9 October	Map Skills - Ordnance Survey Symbols - Design your own 'Map Home' using the MapSkills - full instructions on ClassCharts
16 October	Map Skills - 4 & 6 figure Grid References. Go to BBC Bitesize to practise grid references ready for quiz next lesson https://www.bbc.co.uk/bitesize/guides/z6j6fq8/revision/1
30 October	Map Skills - Relief. Complete 'Height on Maps' worksheet. Create revision Postcards in preparation for internal assessments using guidelines on ClassCharts and/or Revision Guide p123-4
6 November	Map Skills - Scale and Distance on Maps. Using the map showing where you go will for your River field trip in year 10, complete questions 1-6 on ClassCharts
13 November	Map Skills - complete the O.S map interpretation worksheet as preparation for internal assessment week
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	HUMAN GEOGRAPHY. PAPER 2. Global Development - 1. Complete the Demographic Transition Model. 2. Watch the link to GAP MINDER with Hans Rosling https://www.youtube.com/watch?v=jbkSRLYSojo List 5 impacts improved health has had on populations around the World and bring your answers to next lesson
11 December	Global Development - Complete the Maths Skills Scatter Graph sheet relating population growth with improvements in Health - bring the completed scattergraph to school and glue into exercise book

History	
Week beginning	WOTC
11 September	First World War Activity and Quiz on BBC Bitesize – students are to read the information, watch the video and then do the quiz – they need to upload evidence of their 100% onto google classroom.
25 September	Complete 9.1.1 Knowledge Quiz on Google Classroom to prepare for Assessment next lesson. Pass mark is a minimum of 80%. Failure to pass will require students to collect a paper copy in advance of the deadline. Additional – watch Recruitment Campaign videos 1 and 2
9 October	Trench Warfare Activity and Quiz on BBC Bitesize – students are to read the information, watch the video and then do the quiz – they need to upload evidence of their 100% onto google classroom. Set Trench Project (Half a Term to complete)
30 October	<i>Consider revision activities for WOTC in preparation for internal assessments</i> <i>Battle of the Somme Activity and Quiz on BBC Bitesize – students are to read the information, watch the video and then do the quiz – they need to upload evidence of their 100% onto google classroom.</i>
6 November	<i>Consider revision activities for WOTC in preparation for internal assessments</i>

	<i>The Suffragettes Activity and Quiz on BBC Bitesize – students are to read the information, watch the video and then do the quiz – they need to upload evidence of their 100% onto google classroom.</i>
13 November	<i>Consider revision activities for WOTC in preparation for internal assessments</i> <i>Complete 9.1.2 Knowledge Quiz on Google Classroom to prepare for Assessment next lesson. Pass mark is a minimum of 80%. Failure to pass will require students to collect a paper copy in advance of the deadline.</i>
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	Continue with Trench Project The Bolsheviks Activity and Quiz on BBC Bitesize – students are to read the information, watch the video and then do the quiz – they need to upload evidence of their 100% onto google classroom.
11 December	Complete 9.2.1 Knowledge Quiz on Google Classroom to prepare for Assessment next lesson. Pass mark is a minimum of 80%. Failure to pass will require students to collect a paper copy in advance of the deadline.
18 December	Submit Trench Project in Revise for Knowledge Test 1 first lesson back

Hospitality & Catering	
Week beginning	WOTC
11 September	Your first practical will be cooking an omelette. Watch the video in preparation for the lesson - if you cook it at home, upload your photo to google classroom. https://www.youtube.com/watch?v=OQyRuOEKfVk
18 September	You will be cooking pancakes. Watch the video in preparation for your practical lesson - if you cook it at home, upload your photo to google classroom. https://www.youtube.com/watch?v=iwxJTlxloFo
25 September	You will be completing an assessment in the lesson covering health and safety, hygiene and the cooking environment. Read over your notes and learn the key facts in preparation. You will complete an online quiz and a written assessment.
2 October	You will be cooking a full English breakfast. Research the ingredients that might be included and plan how to present your dish to make it look appetising and attractive. Find an image on the internet and annotate how you will present your dish.
9 October	Banana and Berry swirls are being cooked this week. Read through the recipe on Google classroom in preparation for the lesson - if you cook it at home, upload your photo to google classroom.
16 October	You will be designing, planning and cooking a breakfast as an assessment lesson. Using the resources on Google drive, complete a plan for your breakfast design.
30 October	<i>Consider revision activities for WOTC in preparation for internal assessments</i>

6 November	<i>Consider revision activities for WOTC in preparation for internal assessments</i>
13 November	<i>Consider revision activities for WOTC in preparation for internal assessments</i>
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	You will be cooking a roast dinner as an end of term assessment. Research the traditional Christmas dinner and explain what foods are normally served on Christmas Day. How could you adapt this meal to make it suitable for vegetarians? Complete your plan for the roast dinner that you have been designing.
11 December	Housekeeping - ensure that all of your practical photos have been uploaded to Google Classroom. You must respond to all feedback given on your work. Complete any work that you have missed and action the improvements that have been suggested on your work.

IT Creative iMedia

Week beginning	WOTC
11 September	Flipped learning video - watch and make constructive notes in your exercise book on WOTC1:Introduction to a spreadsheet
18 September	Flipped learning video - watch and make constructive notes in your exercise book on WOTC 2:Split Names & Freeze panes
25 September	Flipped learning video - watch and make constructive notes in your exercise book on WOTC 3: Applying formulas in Excel
2 October	Flipped learning video - watch and make constructive notes in your exercise book on WOTC 4: Excel Find and Replace Tutorial
9 October	Flipped learning video - watch and make constructive notes in your exercise book on WOTC 5: Adding Pictures and Backgrounds into Excel
16 October	Flipped learning video - watch and make constructive notes in your exercise book on WOTC 6: Most Useful Excel Keyboard Shortcuts
30 October	Flipped learning video - watch and make constructive notes in your exercise book on WOTC 7:Photoshop Tutorial Basic Photo Editing
6 November	Flipped learning video - watch and make constructive notes in your exercise book on WOTC 8:EVERY Tool in the Toolbar Explained and Demonstrated in Adobe Photoshop
13 November	Complete revision work on Google classroom on all the sub topics covered in using Spreadsheet
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	Flipped learning video - watch and make constructive notes in your exercise book on WOTC 9:Photoshop Tutorial Blending Images
11 December	Flipped learning video - watch and make constructive notes in your exercise book on WOTC10: Photoshop Tutorial Cropping, Canvas Size, and Image Size

Mathematics

Week beginning	WOTC
11 September	<p>Please log onto Sparx Maths and complete the assignments on:</p> <p>9ab/Ma1- 9ab/Ma6 Multiplying and dividing with place value - U735 GCSE / Number / Operations</p> <p>Finding error intervals - M730 Key Stage 3 / Number / Rounding</p> <p>Finding error intervals - U657 GCSE / Number / Rounding</p> <p>9ab/Ma7 Multiplying and dividing with place value - U735 GCSE / Number / Operations</p> <p>Finding error intervals - M730 Key Stage 3 / Number / Rounding</p> <p>Finding error intervals - U657 GCSE / Number / Rounding</p> <p>9ab/Ma8- 9ab/Ma9 Finding percentages of amounts with a calculator - M905 Key Stage 3 / Number / Fractions and percentages of amounts</p> <p>Finding percentages of amounts with a calculator - U349 GCSE / Number / Fractions and percentages of amounts</p> <p>Finding percentages of amounts without a calculator - M437 Key Stage 3 / Number / Fractions and percentages of amounts</p>
18 September	<p>Please log onto Sparx Maths and complete the assignments on:</p> <p>9ab/Ma1- 9ab/Ma6 Index rules with positive indices - U235 GCSE / Number / Index rules</p> <p>Index rules with positive indices - M608 Key Stage 3 / Number / Index rules</p>

	<p>Multiplying and dividing numbers in standard form - U264 GCSE / Number / Standard form</p> <p>9ab/Ma7 Index rules with positive indices - U235 GCSE / Number / Index rules</p> <p>Index rules with positive indices - M608 Key Stage 3 / Number / Index rules</p> <p>Multiplying and dividing numbers in standard form - U264 GCSE / Number / Standard form</p> <p>9ab/Ma8- 9ab/Ma9 Finding percentages of amounts without a calculator - U554 GCSE / Number / Fractions and percentages of amounts</p> <p>Converting between fractions and decimals - M958 Key Stage 3 / Number / Fractions, decimals and percentages</p> <p>Converting between fractions, decimals and percentages - U888 GCSE / Number / Fractions, decimals and percentages</p>
<p>25 September</p>	<p>Please log onto Sparx Maths and complete the assignments on: 9ab/Ma1- 9ab/Ma6 Using recurring decimal notation - M701 Key Stage 3 / Number / Fractions, decimals and percentages</p> <p>Converting fractions to recurring decimals - M922 Key Stage 3 / Number / Fractions, decimals and percentages</p> <p>Higher only Simplifying expressions using index laws - U662 GCSE / Algebra / Simplifying expressions</p> <p>9ab/Ma7 Using recurring decimal notation - M701 Key Stage 3 / Number / Fractions, decimals and percentages</p> <p>Converting fractions to recurring decimals - M922 Key Stage 3 / Number / Fractions, decimals and percentages</p>

	<p>Higher only Simplifying expressions using index laws - U662 GCSE / Algebra / Simplifying expressions</p> <p>9ab/Ma8- 9ab/Ma9 Converting between fractions, decimals and percentages - M264 Key Stage 3 / Number / Fractions, decimals and percentages</p> <p>Ordering fractions, decimals and percentages - M553 Key Stage 3 / Number / Fractions, decimals and percentages</p> <p>Ordering fractions, decimals and percentages - U594 GCSE / Number / Fractions, decimals and percentages</p>
<p>2 October</p>	<p>Please log onto Sparx Maths and complete the assignments on:</p> <p>9ab/Ma1- 9ab/Ma6 Simplifying expressions using index laws - M120 Key Stage 3 / Algebra / Simplifying expressions</p> <p>Calculating midpoints - M622 Key Stage 3 / Algebra / Graphs and coordinates</p> <p>Calculating midpoints - U933 GCSE / Algebra / Graphs and coordinates</p> <p>9ab/Ma7 Simplifying expressions using index laws - M120 Key Stage 3 / Algebra / Simplifying expressions</p> <p>Calculating midpoints - M622 Key Stage 3 / Algebra / Graphs and coordinates</p> <p>Calculating midpoints - U933 GCSE / Algebra / Graphs and coordinates</p> <p>9ab/Ma8- 9ab/Ma9 Writing numbers as percentages of other numbers - U925 GCSE / Number / Fractions, decimals and percentages</p> <p>Writing numbers as percentages of other numbers - M235 Key Stage 3 / Number / Fractions, decimals and percentages</p> <p>Using a calculator - M757</p>

	Key Stage 3 / Number / Number skills
<p>9 October</p>	<p>Please log onto Sparx Maths and complete the assignments on: 9ab/Ma1- 9ab/Ma6 Substituting into algebraic formulae - M208 Key Stage 3 / Algebra / Substituting into expressions and formulae</p> <p>Substituting into algebraic formulae - U585 GCSE / Algebra / Substituting into expressions and formulae</p> <p>Substituting into real-life formulae - U144 GCSE / Algebra / Substituting into expressions and formulae</p> <p>9ab/Ma7 Substituting into algebraic formulae - M208 Key Stage 3 / Algebra / Substituting into expressions and formulae</p> <p>Substituting into algebraic formulae - U585 GCSE / Algebra / Substituting into expressions and formulae</p> <p>Substituting into real-life formulae - U144 GCSE / Algebra / Substituting into expressions and formulae</p> <p>9ab/Ma8- 9ab/Ma9 Using a calculator - U926 GCSE / Number / Number skills</p> <p>Percentage change with a calculator - M533 Key Stage 3 / Number / Percentage change</p> <p>Percentage change without a calculator - M476 Key Stage 3 / Number / Percentage change</p>
<p>16 October</p>	<p>Please log onto Sparx Maths and complete the assignments on: 9ab/Ma1- 9ab/Ma6 Substituting into real-life formulae - M979 Key Stage 3 / Algebra / Substituting into expressions and formulae</p> <p>Solving equations with the unknown on both sides - M554 Key Stage 3 / Algebra / Solving equations</p> <p>Solving equations with the unknown on both sides - U870 GCSE / Algebra / Solving equations</p>

	<p>9ab/Ma7 Substituting into real-life formulae - M979 Key Stage 3 / Algebra / Substituting into expressions and formulae</p> <p>Solving equations with the unknown on both sides - M554 Key Stage 3 / Algebra / Solving equations</p> <p>Solving equations with the unknown on both sides - U870 GCSE / Algebra / Solving equations</p> <p>9ab/Ma8- 9ab/Ma9 Percentage change without a calculator - U773 GCSE / Number / Percentage change</p> <p>Value for money - M681 Key Stage 3 / Ratio, Proportion and Rates of Change / Proportion</p> <p>Solving proportion problems - M478 Key Stage 3 / Ratio, Proportion and Rates of Change / Proportion</p>
<p>30 October</p>	<p>Please log onto Sparx Maths and complete the assignments on: 9ab/Ma1- 9ab/Ma6 Reading and drawing inequalities on number lines - M384 Key Stage 3 / Algebra / Inequalities</p> <p>Reading and drawing inequalities on number lines - U509 GCSE / Algebra / Inequalities</p> <p>Constructing and solving inequalities - U337 GCSE / Algebra / Inequalities</p> <p>9ab/Ma7 Reading and drawing inequalities on number lines - M384 Key Stage 3 / Algebra / Inequalities</p> <p>Reading and drawing inequalities on number lines - U509 GCSE / Algebra / Inequalities</p> <p>Constructing and solving inequalities - U337 GCSE / Algebra / Inequalities</p> <p>9ab/Ma8- 9ab/Ma9 Angles on parallel lines - M606</p>

	<p>Key Stage 3 / Geometry / Angles</p> <p>Angles on parallel lines - U826 GCSE / Geometry / Angles</p> <p>Angles in polygons - M653 Key Stage 3 / Geometry / Angles</p>
6 November	<p>Please log onto Sparx Maths and complete the assignments on:</p> <p>9ab/Ma1- 9ab/Ma6 Solving single inequalities - M118 Key Stage 3 / Algebra / Inequalities</p> <p>Solving single inequalities - U759 GCSE / Algebra / Inequalities</p> <p>Expanding double brackets - M960 Key Stage 3 / Algebra / Brackets</p> <p>9ab/Ma7 Solving single inequalities - M118 Key Stage 3 / Algebra / Inequalities</p> <p>Solving single inequalities - U759 GCSE / Algebra / Inequalities</p> <p>Expanding double brackets - M960 Key Stage 3 / Algebra / Brackets</p> <p>9ab/Ma8- 9ab/Ma9 Angles in polygons - U427 GCSE / Geometry / Angles</p> <p>Combining angle facts - M319 Key Stage 3 / Geometry / Angles</p> <p>Combining angle facts - U655 GCSE / Geometry / Angles</p>
13 November	<p>Please log onto Sparx Maths and complete the assignments on:</p> <p>9ab/Ma1- 9ab/Ma6 Expanding double brackets - U768 GCSE / Algebra / Brackets</p>

	<p>Changing the subjects of formulae - M184 Key Stage 3 / Algebra / Rearranging formulae</p> <p>Simplifying algebraic fractions by cancelling common factors - M568 Key Stage 3 / Algebra / Algebraic fractions</p> <p>9ab/Ma7 Expanding double brackets - U768 GCSE / Algebra / Brackets</p> <p>Changing the subjects of formulae - M184 Key Stage 3 / Algebra / Rearranging formulae</p> <p>Simplifying algebraic fractions by cancelling common factors - M568 Key Stage 3 / Algebra / Algebraic fractions</p> <p>9ab/Ma8- 9ab/Ma9 Using quadrilateral properties to find angles - M393 Key Stage 3 / Geometry / Angles</p> <p>Using quadrilateral properties to find angles - U329 GCSE / Geometry / Angles</p> <p>Rotation - M910 Key Stage 3 / Geometry / Transformations</p>
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	<p>Please log onto Sparx Maths and complete the assignments on: 9ab/Ma1- 9ab/Ma6</p> <p>Simplifying algebraic fractions by factorising - M754 Key Stage 3 / Algebra / Algebraic fractions</p> <p>Calculating speed from distance-time graphs - M247 Key Stage 3 / Algebra / Motion-time graphs</p> <p>Calculating speed from distance-time graphs - U462 GCSE / Algebra / Motion-time graphs</p> <p>9ab/Ma7 Simplifying algebraic fractions by factorising - M754 Key Stage 3 / Algebra / Algebraic fractions</p>

	<p>Calculating speed from distance-time graphs - M247 Key Stage 3 / Algebra / Motion-time graphs</p> <p>Calculating speed from distance-time graphs - U462 GCSE / Algebra / Motion-time graphs</p> <p>9ab/Ma8- 9ab/Ma9 Rotation - U696 GCSE / Geometry / Transformations</p> <p>Finding the area of rectangles - M390 Key Stage 3 / Geometry / Area and perimeter</p> <p>Finding the area of trapeziums - M705 Key Stage 3 / Geometry / Area and perimeter</p>
<p>11 December</p>	<p>Please log onto Sparx Maths and complete the assignments on: 9ab/Ma1- 9ab/Ma6 Calculating with speed - U151 GCSE / Ratio, Proportion and Rates of Change / Compound measures</p> <p>Interpreting distance-time graphs - M581 Key Stage 3 / Algebra / Motion-time graphs</p> <p>Interpreting distance-time graphs - U914 GCSE / Algebra / Motion-time graphs</p> <p>9ab/Ma7 Calculating with speed - U151 GCSE / Ratio, Proportion and Rates of Change / Compound measures</p> <p>Interpreting distance-time graphs - M581 Key Stage 3 / Algebra / Motion-time graphs</p> <p>Interpreting distance-time graphs - U914 GCSE / Algebra / Motion-time graphs</p> <p>9ab/Ma8- 9ab/Ma9 Finding the area of triangles - M610 Key Stage 3 / Geometry / Area and perimeter</p> <p>Finding the area of triangles - U945 GCSE / Geometry / Area and perimeter</p>

	Finding the area of parallelograms - M291 Key Stage 3 / Geometry / Area and perimeter
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<i>Music</i>	
Week beginning	WOTC
11 September	Prepare a presentation to the class on the subject of ME AND MUSIC
18 September	Choose a solo piece and create a practice plan for each week of this term. Set targets for each week
25 September	Use TEACHING GADGET to complete the exercises on NOTE VALUES and NOTES ON THE TREBLE STAFF
2 October	Complete practice diary for this week
9 October	Prepare a performance/demonstration to the group of the progress you have made so far on your instrument.
16 October	Use TEACHING GADGET to complete the exercises on NOTES OF THE BASS CLEF
30 October	<i>Complete revision booklet in preparation for internal assessments</i> <i>Practise solo piece for at least 30 minutes</i>
6 November	<i>Complete revision booklet in preparation for internal assessments</i> <i>Practise solo piece for at least 30 minutes</i>
13 November	<i>Complete revision booklet in preparation for internal assessments</i> <i>Practise solo piece for at least 30 minutes</i>
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	Complete knowledge organiser on set work AFRICA.
11 December	Complete Knowledge organiser on Set Work BADINERIE

<i>PE Btec</i>	
Week beginning	WOTC
11 September	Component 1: Create a revision card for Sport, Outdoor activity and Fitness activity
18 September	Component 1: Create a revision card for Providers of Sport and Physical Activity
25 September	Component 1: Create a revision card for types of participants
2 October	Component 1: Create a revision card for barriers to participation
9 October	Component 1: Create a revision card for overcoming barriers to participation
16 October	Component 1: Consolidation of Mock Assessment 1

30 October	Component 1: Preparation/Application for Task 1 Assessment
6 November	Component 1: Consolidation of Task 1 Assessment
13 November	Create a revision card for technology used in sport
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	Component 1: Preparation/Application for Task 2 Assessment
11 December	Component 1: Consolidation of Task 2 Assessment

PE GCSE

Week beginning	WOTC
11 September	Students can create revision cards on Warm up and cool down- including benefits and components.
18 September	Students create revision cards on minimising hazards and potential risks in sport.
25 September	Students can use the revision process sheets and revise Skill related components of fitness.
2 October	Students can use the revision process sheets and revise Health related components of fitness.
9 October	Students can answer the test yourself section on everlearner on the methods of training.
16 October	Students can answer the test yourself section on everlearner on the principles of training.
30 October	<i>Consider revision activities for WOTC in preparation for internal assessments</i>
6 November	<i>Consider revision activities for WOTC in preparation for internal assessments</i>
13 November	<i>Consider revision activities for WOTC in preparation for internal assessments</i>
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	Students to answer 1 and 2 mark answer past paper questions on the skeletal system.
11 December	Students to answer 3 and 4 mark answer past paper questions on the skeletal system.

PRE

Week beginning	WOTC
11 September	Pre-reading of Topic 1 (Who is God and what is he like?) before the lesson to ensure foundational knowledge of the topic. Knowledge to be assessed through class questioning.
18 September	Post-reading of Topic 1 (Who is God and what is he like?) after the lesson to ensure any gaps in knowledge of the topic are addressed. To be evidenced through note taking and highlighting of key information.

25 September	Revise for the 10 Question Knowledge Test on Topic 1 (Who is God and what is he like?) which will be completed at the start of the lesson e.g. key words, key quotes, key people, key places, key examples etc.
2 October	Pre-reading of Topic 2 (Is Christianity a monotheistic religion?) before the lesson to ensure foundational knowledge of the topic. Knowledge to be assessed through class questioning.
9 October	Post-reading of Topic 2 (Is Christianity a monotheistic religion?) after the lesson to ensure any gaps in knowledge of the topic are addressed. To be evidenced through note taking and highlighting of key information.
16 October	Pre-reading of Topic 3 (How did the universe start?) before the lesson to ensure foundational knowledge of the topic. Knowledge to be assessed through class questioning.
30 October	<i>Complete directed reading, highlighting, note taking and textbook activities on pages relevant to the exam topic for Internal Assessment Week. More information on the topic on Google Classroom.</i>
6 November	<i>Complete mega mind maps and flash cards on sub-topics relevant to the exam topic for Internal Assessment Week. More information on the topic on Google Classroom.</i>
13 November	<i>Complete practice/model introduction/main paragraph/essay in preparation for Internal Assessment Week. More information on the revision program on Google Classroom.</i>
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	Revise for the 10 Question Knowledge Test on Topic 2 and 3 which will be completed at the start of the lesson e.g. key words, key quotes, key people, key places, key examples etc.
11 December	Pre-reading of Topic 4 (What happens to people when they die?) before the lesson to ensure foundational knowledge of the topic. Knowledge to be assessed through class questioning.

Product Design	
Week beginning	WOTC
11 September	Complete the table by filling in the correct names for each Onshape tool and give a brief description of what it is used for. To do this, please use the search tools in Onshape and you can look at the screen shot instructions to find it. The table is on Slide 2 of your Designer's Toolkit Portfolio Theory = 1.1 New & Emerging Technology Worksheet 1
18 September	Watch the videos in the google classroom and follow the instructions to complete the Onshape Loft extension tasks in your Portfolio. Theory = 1.1 New & Emerging Technology Worksheet 2
25 September	Watch the videos in the google classroom and follow the instructions to complete the Onshape Sweeps extension tasks in your Portfolio. Theory = 1.1 New & Emerging Technology Worksheet 3
2 October	Watch the videos in the google classroom and follow the instructions to complete the Onshape fillet and chamfer extension tasks in your Portfolio. Theory = 1.1 New & Emerging Technology Worksheet 4
9 October	Watch the videos in the google classroom and follow the instructions to complete the Onshape shell and scale extension tasks in your Portfolio. Theory - 1.1 New & Emerging Technology Revision using Focus E Learning on CBSC Shortcuts
16 October	Watch the videos in the google classroom and follow the instructions to complete the Onshape draft extension tasks in your Portfolio.

	Theory - Seneca 1.1 (Revision)
30 October	Theory - 1.1 New & Emerging Technology Revision using Focus E Learning on CBSC Shortcuts/complete Seneca 1.1 Revision
6 November	Theory - 1.1 New & Emerging Technology Revision using Focus E Learning on CBSC Shortcuts
13 November	Theory - 1.1 New & Emerging Technology Revision using Focus E Learning on CBSC Shortcuts
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	Theory - 1.2 Informing Design Decisions: Ethical & environmental Worksheet
11 December	Theory - Over Xmas, ensure you have produced revision cards for topics 1.1 - 1.2. Use the Focus E-Learning platform & Google Classroom Resources for guidance

Science	
Week beginning	WOTC
11 September	<p>9a/Sc1, 9a/Sc4, 9b/Sc1 - <i>Biology</i> - Seneca- Topic 1.1-11- Cell Biology</p> <p>9a/Sc2, 9b/Sc2, 9b/Sc5 - <i>Chemistry</i> - Introductory Seneca assignment (topic 1)</p> <p>9a/Sc3, 9b/Sc3, 9b/Sc4 - <i>Physics</i> - <i>Seneca: 1.1 Energy Changes and RECALL due L4. Stretch task for the topic: WebQuest "How many AA batteries?"</i></p>
18 September	<p>9a/Sc1, 9a/Sc4, 9b/Sc1 - <i>Biology</i> - Seneca- Topic 1.12-1.22- Cell Biology</p> <p>9a/Sc2, 9b/Sc2, 9b/Sc5 - <i>Chemistry</i> - complete WebQuest the value of the periodic table</p> <p>9a/Sc3, 9b/Sc3, 9b/Sc4 - <i>Physics</i> - <i>Seneca: 1.3 Energy Resources and RECALL due L8</i></p>
25 September	<p>9a/Sc1, 9a/Sc4, 9b/Sc1 - <i>Biology</i> - Revision for Topic 1 Cells EOTT using flashcards</p> <p>9a/Sc2, 9b/Sc2, 9b/Sc5 - <i>Chemistry</i> - Carry out revision for EOTT on Atomic structure and the periodic table</p> <p>9a/Sc3, 9b/Sc3, 9b/Sc4 - <i>Physics</i> - <i>Set Seneca: 3.1.1 Density and 3.1.2 Changes of State and RECALL 3.1 due L4. Stretch task for the topic: WebQuest "House insulation"</i></p>
2 October	<p>9a/Sc1, 9a/Sc4, 9b/Sc1 - <i>Biology</i> - Seneca- Topic 2- Organisation</p> <p>9a/Sc2, 9b/Sc2, 9b/Sc5 - <i>Chemistry</i> - Introductory Seneca assignment (topic 2)</p> <p>9a/Sc3, 9b/Sc3, 9b/Sc4 - <i>Physics</i> - <i>Set Seneca: 3.2 Heat and 3.3.1 Particle Motion in Gases and RECALL 3.2 due L7</i></p>
9 October	<p>9a/Sc1, 9a/Sc4, 9b/Sc1 - <i>Biology</i> - Organisation flashcards x 7</p> <p>9a/Sc2, 9b/Sc2, 9b/Sc5 - <i>Chemistry</i> - Create a bonding summary sheet</p> <p>9a/Sc3, 9b/Sc3, 9b/Sc4 - <i>Physics</i> - <i>Set Seneca: 3.1.3 Exam-Style Questions - Changes of State; 3.3.2 End of Topic Test - Particle Model of Matter; 3.3.3 Grade 9 - Particle Model of Matter (HT only) and 3.3.4 Exam-Style Questions - Latent Heat Capacity due L9</i></p>
16 October	<p>9a/Sc1, 9a/Sc4, 9b/Sc1 - <i>Chemistry</i> - Introductory Seneca assignment (topic 1)</p> <p>9a/Sc2, 9b/Sc2, 9b/Sc5 - <i>Physics</i> - <i>Seneca: 1.1 Energy Changes and RECALL due L4 Stretch task for the topic: WebQuest "How many AA batteries?"</i></p> <p>9a/Sc3, 9b/Sc3, 9b/Sc4 - <i>Biology</i> - Seneca- Topic 1.1-11- Cell Biology</p>
30 October	<p>9a/Sc1, 9a/Sc4, 9b/Sc1 - <i>Chemistry</i> - complete WebQuest the value of the periodic table</p> <p>9a/Sc2, 9b/Sc2, 9b/Sc5 - <i>Physics</i> - <i>Seneca: 1.3 Energy Resources and RECALL due L8</i></p> <p>9a/Sc3, 9b/Sc3, 9b/Sc4 - <i>Biology</i> - Seneca- Topic 1.12-1.22- Cell biology</p>

6 November	9a/Sc1, 9a/Sc4, 9b/Sc1 - <i>Chemistry</i> - Carry out revision for EOTT on Atomic structure and the periodic table 9a/Sc2, 9b/Sc2, 9b/Sc5 - <i>Physics</i> - Set Seneca: 3.1.1 Density and 3.1.2 Changes of State and RECALL 3.1 due L4. Stretch task for the topic: WebQuest "House insulation" 9a/Sc3, 9b/Sc3, 9b/Sc4 - <i>Biology</i> - Revision for Topic 1 Cells EOTT using flashcards
13 November	All - carry out revision for Internal Assessments
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	9a/Sc1, 9a/Sc4, 9b/Sc1 - <i>Physics</i> - Seneca: 1.1 Energy Changes and RECALL due L4 Stretch task for the topic: WebQuest "How many AA batteries?" 9a/Sc2, 9b/Sc2, 9b/Sc5 - <i>Biology</i> - Seneca- Topic 1- Cell Biology 9a/Sc3, 9b/Sc3, 9b/Sc4 - <i>Chemistry</i> - Carry out revision for EOTT on Atomic structure and the periodic table
11 December	9a/Sc1, 9a/Sc4, 9b/Sc1 - <i>Physics</i> - Seneca: 1.3 Energy Resources and RECALL due L8 9a/Sc2, 9b/Sc2, 9b/Sc5 - <i>Biology</i> - Revision for Cells EOTT using flashcards 9a/Sc3, 9b/Sc3, 9b/Sc4 - <i>Chemistry</i> - Introductory Seneca assignment (topic 2)

Spanish	
Week beginning	WOTC
11 September	-Vocabulary test 1 (5 short phrases based on the topic of opinions of sport) -Online tasks assigned on Language Gym (sport) www.languagegym.com -Tasks assigned on Duolingo www.duolingo.com
18 September	-Practise a sentence giving a justified opinion on sport to say in class (an optional challenge will be given) -Online tasks assigned on Sentence Builders (sport) www.sentencebuilders.com -Tasks assigned on Duolingo www.duolingo.com
25 September	-Vocabulary test 2 (5 short phrases based on the topic of social media). -Online tasks assigned on Sentence Builders (social media) www.sentencebuilders.com -Tasks assigned on Duolingo www.duolingo.com
2 October	-Practise a sentence describing use of social media to say in class (an optional challenge will be given) -Online tasks assigned on Language Gym (social media) www.languagegym.com

	-Tasks assigned on Duolingo www.duolingo.com
9 October	-Vocabulary test 3 (5 short phrases based on the topic of family) -Online tasks assigned on Sentence Builders (family and adjectives) www.sentencebuilders.com -Tasks assigned on Duolingo www.duolingo.com
16 October	-Practise a sentence describing a family relationship to say in class (an optional challenge will be given) -Half term online tasks assigned on Language Gym (preterite tense) www.languagegym.com -Tasks assigned on Duolingo www.duolingo.com
30 October	-Vocabulary test 4 (5 short phrases based on the topic of leisure activities in the past) -Online tasks assigned on Sentence Builders (past leisure activities) www.sentencebuilders.com -Tasks assigned on Duolingo www.duolingo.com
6 November	-Practise a sentence describing what you did last weekend to say in class (an optional challenge will be given) -Online tasks assigned on Language Gym (related preterite tense verbs) www.languagegym.com -Tasks assigned on Duolingo www.duolingo.com
13 November	-Online tasks assigned on Sentence Builders and Language Gym (general revision of SBs 1- 4) www.sentencebuilders.com www.languagegym.com -Practise key language in SBs 1-4 (e.g. create flashcards on Quizlet) -Tasks assigned on Duolingo www.duolingo.com
20 November	Internal Assessment Week - No WOTC
27 November	Internal Assessment Week - No WOTC
4 December	-Vocabulary test 5 (5 short phrases based on the topic of future leisure plans) -Online tasks assigned on Sentence Builders (future leisure plans) www.sentencebuilders.com -Tasks assigned on Duolingo www.duolingo.com
11 December	-Practise a sentence describing what you are going to do this weekend to say in class (an optional challenge will be given) -Tasks assigned on Duolingo www.duolingo.com -Research and present information on a PowerPoint on an allocated Hispanic festival

