STUDY STARTS NOW

YOUR 8 WEEK EXAM REVISION FOCUS GUIDE

STRANRAERACADEMY.ORG

STUDY STARTS NOW S4

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Welcome to the Stranraer Academy - Study Starts Now Program

Success in SQA exams is an important part of students' overall achievement at Stranraer Academy. This success requires teamwork and hard work over many years and especially in S4,5 and 6.
It is also true that intense, focussed revision - and completion of coursework - in the last few weeks before exams can improve grades. To support pupils in this effort, I am delighted to offer our Study Starts Now program.

Each subject has been split into 8 sections, one for each week before the exams, to guide revision and provide a framework to ensure every pupil knows exactly what they need to know and how well they know it. In addition to classwork, teacher support - including after-school study and the various online resources such as Achieve, Stranraer Academy pupils should be exceptionally well prepared for their exams.

I would wish pupils good luck in their exams, but luck has nothing to do with it: Work hard, don't give up and the success will follow.

...but also, good luck!

Mr Farquhar

National 5 Administration and IT

WEEK	STUDY FOCUS
1 26/2-3/3	<u>**Spreadsheets**</u> • Basic formula • Absolute cell references • IF statements • Charts • Complex formula **COMPLETE THE N5 PRACTICE EXERCISES ON GLOW (ACCESS THROUGH SPREADSHEETS)** **Other available resources: Achieve, BBC Bitesize, SQA website, Tasks on Glow**
2 4/3-10/3	**Theory** • Admin Assistant • Customer Service **ANSWER THE FOLLOWING QUESTIONS:** 1. **Describe tasks/duties of an Admin Assistant? (4)** 2. **Outline 3 skills/qualities of an Admin Assistant? (3)** 3. **Outline strategies a business can use to provide good customer care? (3)** 4. **Explain the benefits of good customer service? (3)** 5. **Outline the consequences of poor customer service? (3)**
3 11/3-17/3	<u>**Databases**</u> • **Editing a Database** • **Queries** • **Forms** • **Reports** **COMPLETE THE 'N5 DB PAST PROJECT TASKS' ON GLOW. Complete 2014, 2015 and 2016 questions.** **Other available resources: Achieve, BBC Bitesize and tasks on Glow.**
4 18/3-24/3	<u>**Theory**</u> • Health and Safety • File Management **ANSWER THE FOLLOWING QUESTIONS:** 1. Describe the employer responsibilities under the Health and Safety at Work Act? (3) 2. Describe the employee responsibilities under the Health and Safety at Work Act? (3) 3. Outline features of good file management? (3) 4. Identify advantages of good file management? (3) 5. Explain consequences of poor file management? (3) **Other available resources: Achieve, BBC Bitesize, SQA website, Tasks on Glow.**

5
 	
25/3-31/3
	<u>**Theory**</u>
	
	• Reliable sources of information
	
	COMPLETE THE FOLLOWING QUESTIONS:
	
	   • **Identify benefits of using reliable sources of information? (3)**
	   • **Describe the consequences of using unreliable sources? (3)**
	
	Other available resources: Achieve, BBC Bitesize, SQA website, Tasks on Glow.

6 1/4 -7/4	**Theory** • Security legislation • Data Protection Act **COMPLETE THE FOLLOWING QUESTION:** 1. **Outline 3 principles of the Data Protection Act? (3)** **Other available resources: Achieve, BBC Bitesize, SQA website, Tasks on Glow.**

7
 	
8/4-14/4
	<u>**Theory**</u>
	
	• Methods of electronic communication
	• Features of email and e-diary
	• Features of social media
	• Features of PowerPoint
	
	COMPLETE THE FOLLOWING QUESTIONS:
	
	  1. **Describe 3 features of e-mail? (3)**
	  2. **Outline ways electronic information can be used in an office? (3)**

8 15/4-21/4	<u>**Combined Practice**</u> **COMPLETE FULL SPECIMEN PAPER (FILES AND INSTRUCTIONS ON GLOW)** For this you need to complete a spreadsheet, database and theory questions. **Personal revision also required – mind maps, questions, tasks on glow.**

National 5 - Art & Design

WEEK	STUDY FOCUS
1 26/2-3/3	**Expressive Question 1(a) – Braque and Michael Craig Martin** 1. Visual Elements Prompts: Colour, Line, Tone, Pattern, Shape, Form, Texture 2. Composition/Arrangement 3. Media Handling and/or Techniques **(all past paper practice for each prompt should include answer for Q1b in full)**
2 4/3-10/3	**Expressive Question 1(a) – Braque and Michael Craig Martin** 1. **Scale** 2. **Style** 3. **Subject Matter/Imagery** 4. **Mood and Atmosphere** **(all past paper practice for each prompt should include answer for Q1b in full)**
3 11/3-17/3	**Expressive Optional Questions 2-6 (With a focus on paintings, prints and portraiture)** 1. Visual Elements Prompts: Colour, Line, Tone, Pattern, Shape, Form, Texture 2. Composition/Arrangement 3. Media Handling and/or Techniques 4. Scale **(all past paper practice for each prompt should include 2 justified personal opinions)**
4 18/3-24/3	**Expressive Optional Questions 2-6 (With a focus on paintings, prints and portraiture)** 1. Style 2. Subject Matter/Imagery 3. Mood and Atmosphere 4. Visual Impact **(all past paper practice for each prompt should include 2 justified personal opinions)**
5 25/3-31/3	**Design Q7(a) – Cassandre and Rand** 1. Function 2. Fitness for Purpose 3. Materials and/or Techniques **(all past paper practice for each prompt should include answer for Q7b in full)**
6 1/4 -7/4	**Design Q7(a) – Cassandre and Rand** 1. Target Market/Audience 2. Visual Impact 3. Style **(all past paper practice for each prompt should include answer for Q7b in full)**
7 8/4-14/4	**Design Optional Questions 8-12 (With a focus on Graphic Design and Wearable Design)** 1. Visual Elements Prompts: Colour, Line, Tone, Pattern, Shape, Form, Texture 2. Function & Fitness for Purpose 3. Materials and/or Techniques 4. Target Market/Audience 5. Style **(all past paper practice for each prompt should include 2 justified personal opinions)**

8	**Design Optional Questions 8-12 (With a focus on Graphic Design and Wearable Design)**
15/4-21/4	1. **Influences/Sources of Inspiration** 2. **Imagery** 3. **Decoration** 4. **Layout** 5. **Lettering** **(all past paper practice for each prompt should include 2 justified personal opinions)**

Revision Pack Includes:

- Revision Techniques
- WWE Structure Help Sheet
- Prompts Explained: Possible 'WHAT' points and 'EXPLAIN' Impact points
- Vocabulary Sheets
- Worksheets for each promt
- Flashcards for each prompt
- Past Paper Practice Questions

Additional information:

- Revision pack available digitally on Teams
- All Past Papers practiced will be marked and returned.
- 1 to 1 feedback available during supported study sessions

National 5 - Biology

WEEK	STUDY FOCUS
1 26/2-3/3	Use Achieve Self Evaluation tool or Content Check lists to find any content in <u>Cell Biology unit</u> that needs to be developed and revised this week.
2 4/3-10/3	Use Achieve Self Evaluation tool or Content Check lists to find any content in <u>Multicellular Organisms unit</u> that needs to be developed and revised this week.
3 11/3-17/3	Use Achieve Self Evaluation tool or Content Check lists to find any content in <u>Life on Earth unit</u> that needs to be developed and revised this week.
4 18/3-24/3	Use Achieve Self Evaluation tool on <u>apparatus</u> and <u>scientific enquiry</u>. Recheck all content is at <u>least</u> Amber before going into Easter Study Leave
5 25/3-31/3 (easter)	Work at least 2 full past papers – use the mark schemes to check that answers are fully in line with SQA demands. Easter school available for support!!!
6 1/4 -7/4 (easter)	Work at least 2 full past papers – under timed conditions Make sure you have a note of any content queries or questions you were unsure would get the marks for return to school
7 8/4-14/4	Final push on making sure you have all content clear. Use the Scholar and Achieve check tests
8 15/4-21/4	Practice more past paper questions. Including the **problem solving**! (extra problem solving, organised by type on revision Team)

(SQA EXAM 15/5/24)

National 5 - Business Management

WEEK	STUDY FOCUS
1 26/2-3/3	**Understanding Business** • Factors of Production • Sectors of Industry • Sectors of Economy – Private (sole traders, Partnerships, LTD) Public (government funded organisations) Third (charities, voluntary organisations, social enterprises) • Objectives **COMPLETE UNDERSTANDING BUSINESS SECTION OF 2022 PAPER (ACCESS THROUGH ACHIEVE)** **Questions 3a, 3b and 3c** **CREATE A MIND MAP ON PRIVATE, PUBLIC AND THIRD – OWNERSHIP, CONTROL, FINANCE, OBJECTIVES** **Other available resources: Achieve, BBC Bitesize, SQA website, Scholar, Tasks on Glow, Leckie and Leckie textbooks, jotters**
2 4/3-10/3	**Understanding Business (continued)** • Customer Service • External factors (PESTEC) • Internal Factors • Stakeholders – interest and influence **COMPLETE UNDERSTANDING BUSINESS SECTION OF 2021 PAPER (ACCESS THROUGH ACHIEVE)** **Questions 7a, 7b and 7c** **Other available resources: Achieve, BBC Bitesize, SQA website, Scholar, Tasks on Glow, Leckie and Leckie textbooks, jotters**
3 11/3-17/3	**Operations** • Purchasing Mix • Inventory control diagram • Overstocking and understocking • Computerised inventory control systems • Methods of production • Quality • Environmental methods and technology in operations **COMPLETE OPERATIONS SECTION OF 2023 PAPER (ACCESS THROUGH ACHIEVE)** **Questions 3a, 3b and 3c** **IN YOUR REVISION JOTTER – DRAW AND LABEL AN INVENTORY CONTROL DIAGRAM** **Other available resources: Achieve, BBC Bitesize, SQA website, Scholar, Tasks on Glow, Leckie and Leckie textbooks, jotters**

4 18/3-24/3	**Marketing** • Market segmentation • Market research • Technology in Marketing Marketing Mix – product • Product development • Product life cycle • Branding • Packaging Marketing Mix – Price • Factors determining price • Pricing strategies **COMPLETE MARKETING SECTION OF 2021 PAPER (ACCESS THROUGH ACHIEVE)** **Other available resources: Achieve, BBC Bitesize, SQA website, Scholar, Tasks on Glow, Leckie and Leckie textbooks, jotters**
5 25/3-31/3	**Marketing (continued)** Marketing Mix – Place • Importance of location • Factors influencing business location • Methods of distribution Marketing Mix – Promotion • E-commerce • Advertising • Methods of sales promotion **COMPLETE MARKETING SECTION OF 2019 PAPER (ACCESS THROUGH ACHIEVE)** **Other available resources: Achieve, BBC Bitesize, SQA website, Scholar, Tasks on Glow, Leckie and Leckie textbooks, jotters**
6 1/4 -7/4	**Human Resources (HR)** • Recruitment process • Selection process • Internal and external recruitment • Training • Motivating and retaining staff • Industrial action • Workplace legislation • Technology in HR **COMPLETE MARKETING SECTION OF 2022 PAPER (ACCESS THROUGH ACHIEVE)** **Other available resources: Achieve, BBC Bitesize, SQA website, Scholar, Tasks on Glow, Leckie and Leckie textbooks, jotters**

7 **8/4-14/4**	<u>**Finance**</u> • Sources of finance – short and long term • Fixed and variable costs • Cash budgets – cash flow problems and how to resolve • Income statements – calculating profit, defining sales revenue, gross/net profit, expenses • Break-even – calculating break-even by formula or chart • Technology in Finance – use of spreadsheets, word processing, databases **COMPLETE FINANCE SECTION OF 2O23 PAPER (ACESS THROUGH ACHIEVE)** **Questions 5a, 5b and 5c** **PAGE 135 OF TEXTBOOK – COMPLETE FINANCE QUESTIONS** **PAGE 128 OF TEXTBOOK CASE STUDY 'CARS R US' – COMPLETE ALL QUESTIONS ON BREAK EVEN**
8 **15/4-21/4**	<u>**Combined Practice**</u> Case Study Practice • SUBLIME HAIRDRESSING 2023 PAPER – complete full case study • ORBIT 2021 PAPER – complete full case study Complete full Specimen Paper – Section 1 and Section 2 (NO NOTES) – access through Glow or SQA website Personal revision also required – mind maps, questions, revision cards, rewriting notes, practicing different command words

National 5 - Chemistry

WEEK	STUDY FOCUS
1 26/2-3/3	Revision of Chemistry in Society -1 - What is a metallic lattice – Scholar has good information and activity 1 is helpful - How metals react – learn general equations and how to divide reactivity series. - State what happens when metals are extracted and identify metals extracted by each method – Good questions and PPQ on Achieve.
2 4/3-10/3	Revision of chemistry in Society – 2 - Electrochemical cells, where do electrons flow (i.e. from which metal) (evans2chemweb) - Recognising and writing ox and Red reactions, combining redox (Achieve PPQ) - Practice writing formula – prefix, cross over (especially ionic)
3 11/3-17/3	Revision of Chemistry in Society – 3 Plastics - drawn monomers, polymers and identify repeating units (10Qs Scholar EoTT) Fertilisers – Why we need fertilisers and contents. The chemistry of ammonia including formula and questions on Haber in particular yield. General understanding of Ostwald process.
4 18/3-24/3	Natures Chemistry revision - 1 Homologous series – Name and draw full and shortened structures of alkanes and alkenes. Be able to state the chemical properties of each family. (evans2Chemweb then Achieve topic test) Everyday Consumer products – Identify alcohols and carboxylic acids. Be able to convert full to shortened structural formula and vice versa. State uses of alcohols and carboxylic acids. (Scholar has clear info/activities)
5 25/3-31/3	Natures Chemistry revision - 2 Homologous series (Achieve topic test) Energy from fuels – state difference between exothermic and endothermic. Practice $Eh = cm\Delta T$ calculations (Evans describes well and Achieve has PPQ)
6 1/4 -7/4	Chemical Changes in Structure revision - 1 Atomic Structure – Know the subatomic parts of the atom and nuclide notation. Isotopes. (scholar has end of topic tests) Covalent bonding – identify covalent bonding when given formula. Be able to draw lewis diagrams showing sharing and understand the properties of cov molecular and G.C.N. (sholar has end of topic tests)
7 8/4-14/4	Chemical Changes in Structure revision - 2 Ionic bonding – Identify ionic bonding when given formula. Be able to explain the properties of melting point and boiling point of ionic compounds. (scholar) Chemical formulae (if you need extra practice, optional) Achieve end of topic test on Atomic Structure and bonding related to properties of materials.
8 15/4-21/4	Chemical Changes in Structure revision - 3 Calculations involving the mole and balanced equations, Percentage composition Achieve end of topic test on formulae and reacting quantities.

National 5 - Computing Science

WEEK	STUDY FOCUS
1 26/2-3/3	**Topic - Computer Systems:** Environmental impact – reducing energy usage. Security precautions – firewalls and encryption. Translator programs – advantages and disadvantages of compiler and interpreter. **Revision sources:** Achieve, jotter/folder notes, textbook, Scholar.
2 4/3-10/3	**Topic - Computer Systems:** Computer architecture components – address bus/data bus/unique memory addresses. Processor – CAR – Control unit/Arithmetic and logic unit (ALU)/Registers. **Revision sources:** Achieve, jotter/folder notes, textbook, Scholar.
3 11/3-17/3	**Topic - Computer Systems:** Converting decimal to binary and vice versa. Floating point representation – mantissa and exponent. ASCII – calculating the amount of bits required to store characters. Bit-mapped graphics representation. Vector graphics – objects and attributes. **Revision sources:** Achieve, jotter/folder notes, textbook, Scholar.
4 18/3-24/3	**Topic – Databases:** GDPR principles. Data dictionary/primary key/foreign key/data types e.g. text, number & currency. Referential integrity. Types of validation. **Revision sources:** Achieve, jotter/folder notes, textbook, Scholar.
5 25/3-31/3	**Topic – Databases:** Entity-relationship diagram. SQL statements – insert/update/delete/equi-join. Reading, interpreting, design & writing SQL statements. **Revision sources:** Achieve, jotter/folder notes, textbook, Scholar.

6 1/4 -7/4	**Topic – Software Design and Development:** Iterative software development process – Analysis, Design, Implementation, Testing, Documentation & Evaluation. Analysis – inputs/processes/outputs. Design techniques – flowcharts/structure diagrams/pseudocode. User-interface design – wireframe. Data types – integer/float (real)/string/character/boolean/structured data type = array. **Revision sources:** Achieve, jotter/folder notes, textbook, Scholar.
7 8/4-14/4	**Topic – Software Design and Development:** Logical operators – AND, OR, NOT. Pre-defined functions with parameters – random/round/length. Standard algorithms – input validation/running total within loop/array. Types of loops – fixed loop and conditional loop. Reading, understanding and writing python code. **Revision sources:** Achieve, jotter/folder notes, textbook, Scholar.
8 15/4-21/4	**Topic – Software Design and Development:** Program errors – syntax/logic/execution errors. Types of test data – normal/extreme/exceptional. Evaluation – fitness for purpose/efficiency/robustness/readability. Methods to make code readable e.g. internal commentary/meaningful variable names. **Revision sources:** Achieve, jotter/folder notes, textbook, Scholar.

National 5 - English

WEEK	STUDY FOCUS
1 26/2-3/3	**Scottish Text** • Reread/ listen to/ watch your Scottish Text – 'Sailmaker' by Alan Spence or 'Tally's Blood' by Ann Marie Di Mambro (TEAMS>Files>Revision>Week 1) • Take notes on the key characters, relationships and themes.
2 4/3-10/3	**Critical Essay** • Revise key quotes for your poem – create cue cards/a poster/spider-diagram. Make sure you can analyse each quote fully.
3 11/3-17/3	**Reading for U,A,E** • Revise notes on 'Own words' and 'Link' questions • Complete worksheets on 'Own words' and 'Link' questions (TEAMS>Files>Revision>Week 3)
4 18/3-24/3	**Scottish Text** • Revise the structure of the 8-mark question: Commonality, Extract and Elsewhere • Attempt an 8-mark question (TEAMS>Files>Revision>Week 4)
5 25/3-31/3	**Critical Essay** • Plan and attempt one of the following essay questions: **5.** Choose a poem which describes a person or a place or an event in a memorable way. By referring to poetic techniques, explain how the poet makes this poem so memorable. **OR** **6.** Choose a poem which deals with a powerful emotion. By referring to poetic techniques, show how the poet creates the powerful emotion. **Target: make sure your response revolves around the question (this is open book and not time limited)**
6 1/4 -7/4	**Reading for U,A,E** • Revise Word choice questions https://www.youtube.com/watch?v=iXCVlsPD53I&list=PLMxmCfv-lXbbisCVbYpJ5Eufxg63cZrD2&index=2 • Revise 'Imagery' questions • Attempt the worksheets on 'Word choice' and 'Imagery' (TEAMS>Files>Revision>Week 6)
7 8/4-14/4	**Critical Essay** • Attempt a timed essay (45mins): **5**. Choose a poem that has a strong message. Consider the whole poem, and by referring to poetic techniques explain how the strong message is explored. 6. Choose a poem which creates a particular mood or atmosphere. By referring to poetic techniques, show how the poet creates this particular mood or atmosphere.
8 15/4-21/4	**Reading for U,A,E** • Revise 'Sentence structure' questions https://www.youtube.com/watch?v=Amf5Dl9LLjM&list=PLMxmCfv-lXbbisCVbYpJ5Eufxg63cZrD2&index=1 • Revise 'Effective conclusion' questions • Attempt worksheet on 'Sentence structure' (TEAMS>Files>Revision>Week 8)

National 5 - French

WEEK	STUDY FOCUS
1 19/2 - 25/02	- Writing assignment – draft 1 returned: self-marking. - Listening assessment - Talking: - pronunciation practice with *Taoki* – current French reading teaching. - timed practice in pairs/groups. - N4 Units
2 26/2 - 3/3	- Writing assignment – draft 2 returned: self-marking. - Talking: - pronunciation practice with *Taoki* – current French reading teaching. - timed practice in pairs/groups. - N4 Units
3 4/3 - 10/3	- Writing assignment assessment – 1 hour. - Talking practice - N4 Units
4 11/3 - 17/3	- Talking Performance recording (start) – SQA Examination. - Further practice for reading, writing and listening – in class and after school.
5 18/3 - 24/3	- Talking Performance recording – SQA Examination (all remaining S4). Teacher to fill out green form with final marks. - Further practice for reading, writing and listening – in class and after school.
6 8/4 - 14/4	N5 French SQA Revision week: listening, reading, writing.
7 15/4 - 21/4	N5 French SQA Revision week: listening, reading, writing.
Week 8	Exam !!!!

National 5 - Geography

WEEK	STUDY FOCUS
1 26/2-3/3	Climate Change • Causes • Impacts • Strategies/Solitions
2 4/3-10/3	Weather • Air Masses & their effects • Effects of High Pressure • Effects of Low Pressure • Synoptic Charts & Station symbols
3 11/3-17/3	Population(1) • Indicators of development • Difference between DEVELOPED & DEVELOPING countries • Birth rates/death rates • Population Pyramids
4 18/3-24/3	Population(2) • Impact of rapid population growth • Impact of slow population growth • Factors affecting population density
5 25/3-31/3	Glaciation(1) • Processes of erosion • Formation of:- Corrie, Arete, Pyramidal Peak, U-Shaped Valley, truncated spur • Identify Feature on OS Map
6 1/4 -7/4	Glaciation(2) • Landuse in Lake District • Landuse Conflicts in Lake District
7 8/4-14/4	Urban: Edinburgh • Landuse Zones • CBD: features/changes/traffic management • Inner City: features/changes • Rural/Urban Fringe :Features & location factors
8 15/4-21/4	Coastal • Waves/Processes of Erosion (CASH) • Formation of Features of Erosion: headlands & Bays / Wave cut notch&platform/ caves,arches, stacks, stumps • Transportation: Longshore Drift • Formation of features of Deposition : Sand spit, sand bar and tombolo

National 5 - Graphic Communication

	STUDY FOCUS	
1	- The 3 P'S (textbook pages 13-17)(Achieve) - Preliminary, Production & Promotion. - What type of graphic to use and when. - Drawing standards (Textbook pages 18-21) (Achieve) - Drawing Conventions, Line types, symbols and British Standards	
2	2D Drawing Techniques (textbook pages 22-38) (Achieve) - Surface Developments - Circles, Hexagons & Octagons - Orthographic projection - Prisms, Cylinders, Pyramids, Cones - True Shapes (Past Paper Questions)	
3	- Pictorial Drawing & Free hand sketching (Textbook P39-43, P53-57) (Achieve) - Isometric, Planometric, Oblique, 1pt Perspective, 2pt Perspective - Sections, Assemblies and Exploded Views (textbook 44-48) (Achieve)(Past Paper Q's) - How to read & Create Orthographic Views. - How to read & Create Sectional Views (Past Paper Questions) - How to read & Create Exploded views	
4	2D CAD (textbook P71-95) (Achieve) (Past Paper Questions) - Identify from given images......... - Pan - Array - Copy & Paste - Mirror - Zoom - Trim - Extend - Rotate - Scale	3D CAD (textbook P71-95) (Achieve) (Past Paper Questions) - Explain how to create given parts using the following CAD commands...... - Sketch (line, rectangle, circle, polygon etc) - Dimension - Extrude - Subtract - Revolve - Shell - Fillet - Chamfer - Array - Assembly (Mate, Centre Axis Mate, Align)
5	- DTP (Textbook 109-130) (Achieve) (Past paper Q's) - Benefits to Graphic Designer - Benefits to industry /society - Identify and explain the purpose of the following edits........ - DTP Terms Glossary – Grid, Gutter, Column, Text wrap, Bleed, Margin, Transparency, Drop shadow, Heading, sub-heading, Footer/Header, Crop, Fills & texture, Font, Flow text along a path, Reverse, Caption.	

6 1/4	• DTP Elements & Principles (Textbook P131-141) (Achieve) (Past Paper Questions)
	• Identify and explain the following …………….
	    o Line
	    o Alignment (Left, Right, Centre, Justified)
	    o Balance
	    o Colour (Contrast, Harmony)
	    o Contrast
	    o Depth
	    o Unity, repetition & harmony
	    o Dominance & Emphasis
	    o Shape	

7	• Colour Theory (Textbook P142-145)(Achieve)(Past Paper)
	• Identify and explain the following…………
	    o Harmony
	    o Contrast
	    o Primary, Secondary, Tertiary
	    o Advancing / Warm
	    o Receding / Cold
	    o Moods / emotions
		• Graphs & Charts (textbook 149-155) (Achieve)
		    o Identify a Bar Chart, explain when it should be used.
		    o Identify a pie chart and explain when it should be used.
		    o Identify a line graph and when it should be used.

8	• Building Drawings (Textbook pages 62-70) (Achieve) (Past Papers 2019 and earlier)
	• Identify and explain the purpose of…….
	    o Location Plan
	    o Site Plan
	    o Floor Plan
	    o Elevation
	    o Illustration
		• Building Symbols (textbook P61) (Achieve) (Past Paper before 2019)
		• Identify the following symbols……….
		    o Lamp / Light
		    o Switch
		    o Socket
		    o Insulation
		    o Brickwork
		    o Concrete
		    o Sawn Wood
		    o Window
		    o Door
		    o Sink top
		    o Sink
		    o Bath
		    o Wash basin
		    o Shower tray
		    o Radiator
		    o WC

National 5 - Health and Food Technology

WEEK	STUDY FOCUS
1 26/2-3/3	- Complete assignment - Proof read assignment and hand in for checking - Meet deadlines given
2 4/3-10/3	- Make any necessary amendments to assignment - Proof read thoroughly and email to teacher - Meet deadlines given
3 11/3-17/3	- Revise nutrition. Nutrients, functions sources. - Revise effect on health of too much and too little of all nutrients - Practice D R V questions and nutrition questions in past papers
4 18/3-24/3	- Revise current dietary advice and practical ways to meet this advice - Revise dietary diseases, causes and effect on health - Practice relevant past paper questions including amending menus to meet current advice
5 25/3-31/3	- Revise stages of product development including sensory testing - Revise functional properties of eggs, sugar, flour, fat and liquids. - Be able to give practical examples to help explain each functional property and how it affects final product e.g. texture, colour taste etc….
6 1/4 -7/4	- Revise food safety including causes of food poisoning. - Practice past paper questions on all food product development questions
7 8/4-14/4	- Look at all factors that influence food choice and be able to describe how they would re-strict/open choices for various groups - Revise food labelling both statutory, and voluntary and be able to explain how they benefit the consumer - Revise the roles and duties of Environmental health officer and trading standards officer. - Look at the roles other organisations play in helping consumers
8 15/4-21/4	-past paper questions without notes. If you come up against a question you don't know then note that and learn it as you still may have gaps in your knowledge

National 5 - History

WEEK	STUDY FOCUS
1 26/2-3/3	**The Era of the Great War -** Scots on the Western Front • Recruitment; • Experience of life in the trenches; • Military tactics; • Technology of war (gas, tanks, machine guns, aircraft, artillery). PRACTICE QUESTION TYPE: **Explain**
2 4/3-10/3	**The Atlantic Slave Trade -** *The Triangular Trade* • Conditions of the 'Middle Passage'. • Slave 'factories' on the African coast; • The organisation and nature of the slave trade • Effects on British ports, eg Liverpool, Bristol etc. • Effects on African societies, eg Ashanti, etc. • Effects on West Indian plantations. PRACTICE QUESTION TYPE: **Evaluate Usefulness**
3 11/3-17/3	**The Era of the Great War -** Domestic impact of war: <u>society and culture</u> • Defence of the Realm Act; • Rationing; • Changing role of women in society; • Propaganda; • Conscription and conscientious objectors; • Casualties and deaths. PRACTICE QUESTION TYPE: **9 Mark Question**
4 18/3-24/3	**The Atlantic Slave Trade -** Britain and the Caribbean • The importance of tropical crops such as sugar; • Influence of the British in the Caribbean • Impact of the Caribbean trade on the British economy (eg banking, ship-building, textiles); • The negative impact of the slave trade on the development of the Caribbean islands. PRACTICE QUESTION TYPE: **Comparison**

5 25/3-31/3	**The Era of the Great War -** Domestic impact of war: <u>industry and economy</u> • War work including women's war work; • Reserved occupations; • Post-war decline of heavy industry; • Impact on fishing and agriculture; • New industries in the 1920s. PRACTICE QUESTION TYPE: **Evaluate Usefulness**
6 1/4 -7/4	**The Atlantic Slave Trade -** The captive's experience and slave resistance • Living and working conditions on the plantations; • Treatment & discipline; • resistance on the plantations; • fear of revolt. PRACTICE QUESTION TYPE: **How Fully**
7 8/4-14/4	**The Era of the Great War -** Domestic impact of war: <u>politics</u> • Impact of campaigns for women's suffrage; • Rent strikes; • Extension of the franchise; • Homes fit for heroes. PRACTICE QUESTION TYPE: **9 Mark question & Evaluate Usefulness**
8 15/4-21/4	**The Atlantic Slave Trade -** The abolitionist campaigns • Origins of the abolitionist movement and its increased support outside and within Parliament. • Role of Wilberforce. • Arguments of the abolitionists: Christian, humanitarian, economic. • Methods of the abolitionists: meetings, evidence (eg Clarkson; first-hand accounts by slavers, publicity). • Attitudes and evidence of slaves and former slaves (eg Equiano). • Arguments for the slave trade: planters, MPs, cities PRACTICE QUESTION TYPE: **Comparison & How Fully**

National 5 - Applications of Mathematics

WEEK	STUDY FOCUS
1 26/2-3/3	BODMAS and Rounding • Non-Calculator Numeracy Skills • Order of Operations • Rounding to Significant Figures • Rounding to Decimal Places Fractions, Decimals and Percentages • Fraction of an Amount • Adding and Subtracting Fractions • Comparing Fractions, Decimals and Percentages • Expressing a Value as a Percentage of Another • Compound Interest
2 4/3-10/3	Graphs, Charts and Tables • Interpreting Tables • Interpreting / Constructing Pie Charts • Interpreting / Constructing Bar Graphs • Interpreting / Constructing Line Graphs • Interpreting / Constructing Stem and Leaf • Scatter Graphs and Line of Best Fit Statistics • Mean, Median, Mode and Range • Quartiles and Interquartile Range • Box Plots • Standard Deviation • Comparing Average and Spread
3 11/3-17/3	Income and Budgeting • Wages and Hourly Rate • National Insurance and Income Tax • Overtime and Commission • Benefits and Allowances • Gross Pay, Deductions, Net Pay Foreign Exchange and Best Deals • Currency Conversions • Event Planning • Managing Incomings and Outgoings • Best Value for Money
4 18/3-24/3	Probability • Probability of a Complex Event (e.g., from a table or spinners/dice) • Expected Frequency Speed, Distance and Time • Time Intervals • Decimal Time • Speed, Distance, Time Calculations • Time Zones

5 **25/3-31/3**	Scale Drawing • Measuring Bearings • Constructing and Interpreting Scale Drawing
6 **1/4 -7/4**	Ratio and Proportion • Sharing in a Ratio • Ratio Calculations • Direct Proportion • Indirect Proportion Pythagoras' Theorem • Finding the Length of a Long Side • Finding the Length of a Short Side • Mixed Questions, including Application
7 **8/4-14/4**	Length and Area • Converting Units • Area of a Square, Rectangle, Triangle, Circle • Composite Areas • Circumference of a Circle • Perimeter of a Shape (inc. Composite Shape) Volume • Volume of a Cube, Prism, Cylinder, Cone, Sphere • Volume of a Composite Shape • Liquid Volume ($1cm^3$ 1ml, 1l = 1000ml)
8 **15/4-21/4**	Container Packing Precedence Tables • Critical Path Gradient • Gradient of a Slope • Gradient including Pythagoras' Theorem Tolerance • Calculating Limits (inc. with percentages) • Using Limits to Calculate Tolerance • Applying Tolerance to Context

National 5 - Maths

WEEK	STUDY FOCUS

1
 	
26/2-3/3
	Multiplying out Brackets
	
	- Single term outside a bracket
	- Two brackets with two terms each
	- Two brackets, one with two terms, one with three terms
	- Squaring brackets
	- Cubing brackets
	
	Percentages
	
	- Appreciation/depreciation – quick method using multiplier and power
	- Remember that is something is decreasing then subtract the percentage from 100 and increasing then add the percentage to 100 to get your multiplier.
	- Working backwards – know to show the three lines of working for this
	e.g. 70% = 1610
	    1% = 1610 ÷ 70 = 23
	  100% = 2300
	
	Arcs and Sectors
	
	- Find arc length (use fraction and circumference of circle)
	- Find sector area (use fraction and area of circle)
	- Find angle if given arc length (create fraction using arc length and circumference)
	- Find angle if given sector area (create fraction using sector area and area of circle)

2 4/3-10/3	**Statistics** - Find quartiles - Calculate interquartile range (IQR) - Find mean - Calculate Standard Deviation - Make comments comparing mean/median and IQRs or Standard Deviations (smaller SD means more consistent). Relate comment back to context of question and for mean/median try to remember to use "on average". **Volume** - Know how to find volume of cuboid, cylinder and any other prism (area of base x height/length). These are not on formula sheet. - Find volume of cone, pyramid and sphere using formulas provided. - Be able to work back to any other measurement in formula i.e. height or radius, if given the volume. **Straight Line** - Find the gradient of a line using gradient formula. - Know about parallel lines and their gradients. - Know how to find coordinates where a line is crossing the x-axis (y = 0). - Know how to find coordinates where a line is crossing the y-axis (x = 0). - Be able to rearrange the equation of a line into the form y = mx + c so that you can identify the gradient or y-intercept. - Find the equation of a line using y − b = m(x − a)

3	**Fractions**
11/3-17/3	- Be able to change mixed fractions to top heavy (and vice versa) - Add and subtract fractions by finding a common denominator first and finding the equivalent fractions (multiply both numerator and denominator by the same value) - Multiply fractions (multiply numerators and multiply denominators) - Divide fractions (turn second fraction upside down and then multiply) **Trigonometry** - Know to fill in all missing angles in a triangle diagram in an exam to help identify what information you have and which formula to use. - Use area formula to find area of a triangle (need two sides and angle between them) - Use cosine rule to find a missing side when you have two sides and the angle between them. - Use cosine rule to find a missing angle when given all three sides. - Use sine rule to find a missing side or angle when you are dealing with pairs of values. - Know to turn the sine rule upside down when finding a missing angle. - Be able to identify a question that requires you to use sine rule twice. - Know when completing a non-calculator question to substitute the fraction or decimal value in in place of "cosX" or "sinX" in your formula. **Factorising and Completing the Square** - Always look for common factor first. - Be able to identify a difference of two squares (two square terms with a minus sign between them). - Be able to identify a trinomial and factorise, selecting the correct signs to use in the brackets depending on the signs in the initial expression given. - Be able to factorise a trinomial with a coefficient in front of the square term e.g. $3x^2$ - Be able to complete the square by halving the term in front of your x term, squaring it and then comparing to what you had originally and seeing what you need to add or subtract.
4	**Surds and Indices**
18/3-24/3	- Know your square numbers. - Be able to add and subtract surds that are the same. - Be able to multiply surds. - Be able to simplify surds by identifying two numbers the multiply to make the value given, the first of which must be a square number. - Remember to always try and use the largest square number possible when simplifying. - Be able to add and subtract surds that are different by simplifying first. - Be able to multiply out brackets including surds and then fully simplify. - Be able to rationalise the denominator by multiplying top and bottom of your fraction by the surd on the denominator. **Scientific Notation** - Be able to write a large number e.g. 286000000, in scientific notation. Move the decimal point until you have a number between 1 and 10 then multiply by 10 to the power of how many places you moved the point. - Be able to write a small number e.g. 0.00000154 in scientific notation. Move the decimal point until you have a number between 1 and 10 then multiply by 10 to the power of how many places you moved the point (negative value for small numbers). - Be able to conduct calculations involving numbers given in scientific notation, identifying which operation to perform e.g. multiply or divide, and give your answer in scientific notation. **Algebraic fractions** - Be able to simplify an algebraic fraction by factorising the numerator and/or denominator (where required) and identifying what can be cancelled out top and bottom. - Be able to identify a common denominator in an algebraic fraction to allow you to add and subtract them. - Be able to multiply and divide algebraic fractions using the normal rules of fractions and simplifying where possible.

5 **25/3-31/3**	**Vectors** - Be able to identify the components of a vector from a diagram. - Be able to add, subtract and multiply 2D and 3D vectors. - Be able to find the magnitude of a 2D or 3D vector. - Be able to use a diagram to complete a vector journey, remembering that parallel lines will have the same vector name and may be multiples of each other. - Be able to identify coordinates of 3D objects (x, y, z). **Functions** - Be able to evaluate a function by substituting the value given in place of the x term e.g. $f(x) = 3x + 5$ $\quad f(2) = 3(2) + 5$ $\qquad = 6 + 5$ $\qquad = 11$ - Be able to solve a function to find the value of an unknown variable if told what it is equal to e.g. if $f(x) = 3x + 5$, and $f(a) = 20$ solve to find a **Equations and Inequalities** - Be able to solve equations with unknowns on both sides. - Be able to solve equations including brackets. - Be able to solve equations involving fractions by multiplying through all parts of the equation by the LCM e.g. denominators of 3 and 5, multiply through by 15. - Be able to solve inequalities using the same methods as you do with equations. - Know that if you divide by a negative at the end of solving an inequality then you must reverse your inequality sign e.g. $-2x > 10$ $\quad x < -5$
6 **1/4 -7/4**	**Pythagoras** - Be able to identify if you are finding the length or the hypotenuse or a shorter side and know how to perform the calculation. - Be able to find the length of a space diagonal by performing Pythagoras calculations twice, firstly to find a face diagonal (the diagonal across the face of the surface) then using that answer and another measurement from your diagram to find the space diagonal. - Be able to identify a converse of Pythagoras question (remember this could involve directions and won't always say to prove a shape is right angled). - Know how to lay out the working for this type of question and remember to make a statement at the end e.g. ***"by the converse of Pythagoras $c^2 = a^2 + b^2$ therefore the picture frame is right angled"*** **Simultaneous Equations** - Be able to identify a simultaneous equations question (a question involving two equations). - Be able to identify a variable that you want to cancel out and know that you need the same value in front of this variable in both equations and one must be a negative. - Know how to write an equation to represent given information. - Be able to multiply through equations by both positive and negative numbers. - Always be explicit in giving your final answer. **Change Subject of the Formula** - Be able to rearrange a formula by performing the opposite operations to take variables from one side of a formula to another, like when solving equations e.g. to move something that is being added, subtract it, to move something that is multiplying, divide. - Flip a formula when you need to, to get the variable on the correct side.

7	**Quadratics 1**
8/4-14/4	- Be able to work through the steps to sketch a parabola (factorise the equation and set equal to zero to find your roots, find halfway between your roots and use that value in your original equation to find your turning point, use x = 0 and your original equation to find where it crosses the y-axis). - Know how to use this information to interpret and answer a question involving a parabola. - If asked to find values for x to decimal places or significant figures know that you must use your quadratic formula (on the formula sheet) to do this, identifying you're a, b and c valued from the equation given. - If asked to find the nature of the roots, know to identify a, b and c from the equation but then only use $b^2 - 4ac$ (the discriminant) to do this. An answer greater than zero means two real and distinct roots, equal to zero means one real root and less than zero (a negative answer) no real roots. - Be able to use the discriminant to identify the value of an unknown if told the nature of the roots. **Similarity** - Be able to find linear scale factor and know whether this is reduction or enlargement. - Be able to use the linear scale factor squared to find a similar area or cubed to find a similar volume. - Know how to work backwards if given area or volume and asked to find a missing length in similar shapes (either by square rooting or cube rooting). - Be able to identify similar triangles and know to separate them in a diagram to help you find missing values. **Trig Graphs** - Be able to identify the basic sine, cosine and tan graphs and all their key features. - Be able to identify the "a" value (the amplitude) in y= a sin x and y = a cos x - Be able to identify the "b" value (how many waves in 360 degrees) in y = a sin bx and y = a cos bx. - Be able to identify how much a graph has moved up or down on the y-axis in y = a sin x + c and y = a cos x + c. - Be able to identify how much a graph has moved by to the left or right in y = sin(x ± b) and y = cos(x ± b). Remember moving to the left will have a positive value, moving to the right will be a negative value.

8	**Missing angles and lengths in circles**
15/4-21/4	- Be able to identify a radius, diameter and a chord in a circle. - Know that angles in a triangle always add to make 180˚. - Be able to identify an isosceles triangle formed in a circle where two radii form two of the sides. - Be able to identify a right angled triangle in a circle where the diameter is the hypotenuse. - Know that at any point where a radius meets a tangent to a circle a right angle is formed. - Be able to find a missing length within a circle by forming a right angled triangle and using the information given and Pythagoras theorem. **Trig Equations** - Be able to identify the four quadrants of a trig graph and use a CAST diagram. - Know where each of the trig functions (sin, cos and tan) are positive or negative in the CAST diagram. - Know how to use a calculator appropriately to identify an angle using the inverse/shift/2nd function button. - Be able to apply solving equations skills to solving trigonometric equations. **Quadratics 2** - Be able to identify the equation of a function of the form $y = kx^2$ by substituting values given to you into the equation and solving. - Know when you will have a positive k value or a negative k value. - Be able to sketch and interpret a parabola when given the completed square form, identifying the coordinates of the turning point and the y-intercept. - Know from the form given if you are dealing with a maximum turning point or a minimum turning point e.g. $y = (x - a)^2 + b$ is a minimum turning point, $y = b - (x - a)^2$ is a maximum turning point. **Trig Identities** - Be able to identify the trig identities and use them to simplify an expression or calculate a value.

National 5 - Modern Studies

WEEK	STUDY FOCUS
1 26/2-3/3	**Crime in the UK** • **Nature of crime** • **Causes and consequences of crime** • **Who, what, where and when of crime** **Source skill** • **Decision Making**
2 4/3-10/3	**Responses to crime** • **Technology and Branches of the police** • **Custodial and non-custodial sentences** • **Police** **Source Skill** • **Conclusions**
3 11/3-17/3	**Responses to Crime continued** • **Courts** • **Government** • **Children's hearing system** **Source Skill** • **Support and oppose**
4 18/3-24/3	**USA (World Power)** • **Political Rights and Participation methods** • **Why some people do and do not participate in politics** • **Why women are underrepresented in politics** **Source Skill** • **Decision Making**
5 25/3-31/3	**USA (World Power)** • **Social AND Economic cause of inequality** • **Government responses to inequality (2 social and 2 economic)** • **US Influence** **Source Skill** • **Conclusions**
6 1/4 -7/4	**Democracy In Scotland** • **Political Rights and Devolved powers** • **Participation methods** • **Whys some people do and do not participate** **Source Skill** • **Support and Oppose**
7 8/4-14/4	**Democracy In Scotland** • **Elections and campaigning** • **Trade Unions and Media** • **Powers of the First Minister** • **Committees**
8 15/4-21/4	**Democracy In Scotland** • **Role of MSPs** • **Voting Systems** • **Under representation of women/minorities** **Source Skill** • **Decision Making**

National 5 - Music

WEEK	STUDY FOCUS
1 26/2-3/3	**Performance** • Work on **ALL** pieces on **BOTH** instruments. Ensure you are using backing tracks/accompaniments where appropriate. • Attend after school study on a Wednesday. **Understanding Music** Using https://mymusiconline.co.uk/national-5-quizzes complete the listening quizzes **but first revise each of the concepts linked to the quiz** by listening to the examples and revising the definitions. • **Scottish Quiz 1** • **Scottish Quiz 2** • **World Music Quiz**
2 4/3-10/3	**Performance** • Work on **ALL** pieces on **BOTH** instruments. Ensure you are using backing tracks/accompaniments where appropriate. • Attend after school study on a Wednesday. **Understanding Music** Using https://mymusiconline.co.uk/national-5-quizzes complete the listening quizzes **but first revise each of the concepts linked to the quiz** by listening to the examples and revising the definitions. • **Symphony & Concerto Quiz** • **Baroque/Classical/Romantic Quiz** • **Instruments Quiz**
3 11/3-17/3	**Performance** • THIS IS EXAM WEEK!!!!! Check the time of your exam and make sure you have all music/backings ready. **Understanding Music** Using https://mymusiconline.co.uk/national-5-quizzes complete the listening quizzes **but first revise each of the concepts linked to the quiz** by listening to the examples and revising the definitions. • **Melody Quiz** • **Harmony Quiz** • **Cadences Quiz**
4 18/3-24/3	**Understanding Music** Using https://mymusiconline.co.uk/national-5-quizzes complete the listening quizzes **but first revise each of the concepts linked to the quiz** by listening to the examples and revising the definitions. • **20th & 21st Century Quiz** • **Rhythm Quiz** • **Time Signatures Quiz**
5 25/3-31/3	**Understanding Music** Using https://mymusiconline.co.uk/national-5-quizzes complete the listening quizzes **but first revise each of the concepts linked to the quiz** by listening to the examples and revising the definitions. • **Texture Quiz** • **Structure & Form Quiz** • **Bass Lines Quiz**

6
 	
 1/4 -7/4
	Understanding Music
	
	 Using https://mymusiconline.co.uk/national-5-quizzes complete the listening quizzes **but first revise each of the concepts linked to the quiz** by listening to the examples and revising the definitions.
	
	    • **Vocal Quiz**
	    • **Instrumental Techniques Quiz**
	    • **Dynamics Quiz**

7
 	
 8/4-14/4
	Understanding Music
	
	    • Go to MRS SMITH S4 MUSIC 2023/24 Team/Files/Past Papers and select 2022 paper.
	    • Complete Questions 1 – 4 then hand in to Mrs Smith for marking.

8
 	
 15/4-21/4
	Understanding Music
	
	    • Go to MRS SMITH S4 MUSIC 2023/24 Team/Files/Past Papers and select 2022 paper.
	    • Complete Questions 5– 8 then in to Mrs Smith for marking.

National 5 - PE

WEEK	Classroom Tasks
1 26/2 - 1/3	Q3D – Evaluate the effectiveness of your PDP – complete answers
2 4/3 - 8/3	Q3E – Evaluate your performance for 2 different factors - prep Q3E – complete answers
3 11/3 - 15/3	Q3F Justify next steps in planning future performance development - prep Q3F - complete answers
4 18/3 - 22/3	Q3F - complete answers Catch Up & Data Sheets, Final Check and Print those who've finished.
25/3 - 5/4 (2 weeks)	Easter Holiday
5 8/4 - 12/4	Catch Up Final Check and Print those who've finished. Submission Deadline and Printing

National 5 - Physics

Week	What to study	Formula	Help?
1	**Formula:** Symbols, units, prefixes, rearranging formula triangles etc. **Dynamics:** Vectors & Scalars; resultant at right angles; trig/Pythagoras/scale diagram; average/instantaneous speed; v-t graphs; area under graph; acceleration from graph, experiment & calculations.	$d=vt$, displacement=area, $a=(v-u)/t$, acceleration = gradient	
2	**Forces:** Newton's Laws, balanced/unbalanced forces; resolving forces; friction; weight & mass; terminal velocity.	$F=ma$, $W=mg$	
3	**Energy:** Conservation of energy; work done; potential energy; kinetic energy. Projectile motion: horizontal and vertical motions; graphs; satellites and projectiles	$E_w=Fd$, $E_p=mgh$, $E_k=1/2mv^2$ $v=u+at$,	
4	**Space:** Current understanding; terms; satellites, geostationary, period vs height; challenges, risks & benefits; N3 spaceflight; weight on other planets; Cosmology: light year; age of universe; big bang; EM spectrum information; spectra	$E_k=1/2mv^2$ $E_h=cm\Delta T$, $E_h=ml$	
5	**Thermodynamics:** Heat energy and temperature; specific heat capacity; latent heat, change of state. **Gas:** Pressure, kinetic model of gas, 3 Gas laws and experiments, Kelvin scale	$E_h=cm\Delta T$, $E_h=ml$, $P=E/t$ $p=F/A$, $p_1V_1/T_1= p_2V_2/T_2$, $0K=-273^oC$	
6	**Electricity:** Charge, voltage, current; ac/dc; charged particles in an electric field; Ohm's law; use of voltmeter and ammeter; potential dividers; components; transistor circuits; series & parallel current, voltage and resistance; power formulas; fuse ratings.	$Q=It$, $V=IR$, $V_2=(R_2/R_1+R_2)V_s$, $V_1/V_2=R_1/R_2$, $P=IV$, $P=I^2R$, $P=V^2/R$, $P=E/t$, $R_t=R_1+R_{2+…}$ $1/R_t=1/R_1+1/R_2+…$	
7	**Waves:** Definitions; formula; v,f,λ; period; diffraction diagrams; long & short λ. **EM spectrum:** Energy; uses; sources; detectors; v f λ, speed **Refraction of Light:** Change in speed, direction and wavelength; normal, incidence & refraction angles, ray diagrams	$v=d/t$, $v=f\lambda$, $f=N/t$, $T=1/f$	
8	**Radiation:** αβγ properties, ionisation and effects on atoms, dangers, activity, background radiation, absorbed dose…equivalent dose…weighting factor, safety limits, applications of $A=N/t$, $D=E/m$, $H=DWr$, $H'=H/t$ radiation in medicine and industry, half-life experiments and graphs, nuclear fission & fusion.	$A=N/t$, $D=E/m$, $H=DW_r$, $H'=H/t$	

National 5 - RMPS

WEEK	STUDY FOCUS
1 26/2-3/3	**Buddhism Beliefs – Including links and impact** • Beliefs about the Buddha (life, meaning, teachings, death) • 3 Marks of Existence (Anicca, Anatta, Dukkha, Kisa Gotami) • 4 Noble Truths (Dukkha, Samudaya, Nirodha, Magga)
2 4/3-10/3	**Buddhism Beliefs – including links and impact** • Kamma • Samsara – including 3 root poisons • Nibbana
3 11/3-17/3	**Buddhism Practices** • 3 Jewels (Buddha, Dharma, Sangha) • 5 precepts • 8 fold Path • Worship (Meditation & Puja)
4 18/3-24/3	**Crime in the UK – including responses (Religious and Non-religious: Utilitarianism)** • Purposes of Punishment (Reform, Retribution, Deterrence, Protection) • Causes of Crime (Social, Environmental, Psychological) • Responses to Crime (Custodial, non-custodial, crime prevention)
5 25/3-31/3	**Capital Punishment & Life Tariffs – Including responses (Religious and Non-religious)** • Methods of Execution (Lethal injection, Electrocution, Hanging, Gas Chamber) • Whole Life Tariffs • Humaneness of above (Pain, Human Rights, Effect on people) • Comparative effectiveness (Cost, Meeting the PofP, Tackling CofC)
6 1/4-7/4	**Philosophy Basic Arguments** • Nature of God (Omniscient, Omnipotent, Omnibenevolent, Omnipresent, Eternal) • Problem of Evil and Suffering & Immovable Rock • Christianity (Genesis, Literal Christianity, Metaphorical Christianity) • Science (Big Bang and Evolution – including evidence)
7 8/4-14/4	**Cosmological Argument & Pascal's Wager** • Pascal's Wager • Aquinas Cosmological Argument (including 5 ways) • Hume's Criticisms & Christian Responses • Science & Cosmology (Big Bang and Cosmology, Metaphorical Christianity)
8 15/4-21/4	**Teleological Argument & Anthropic Principle** • Basic Design Argument & Paley's Watch (including evidence of design) • Criticisms (Hume, Swinburne) & Christian Responses • Science & Teleology (Evolution and Teleology, Metaphorical Christianity) • Anthropic Principle (Evidence of Design?)

National 5 - Woodwork

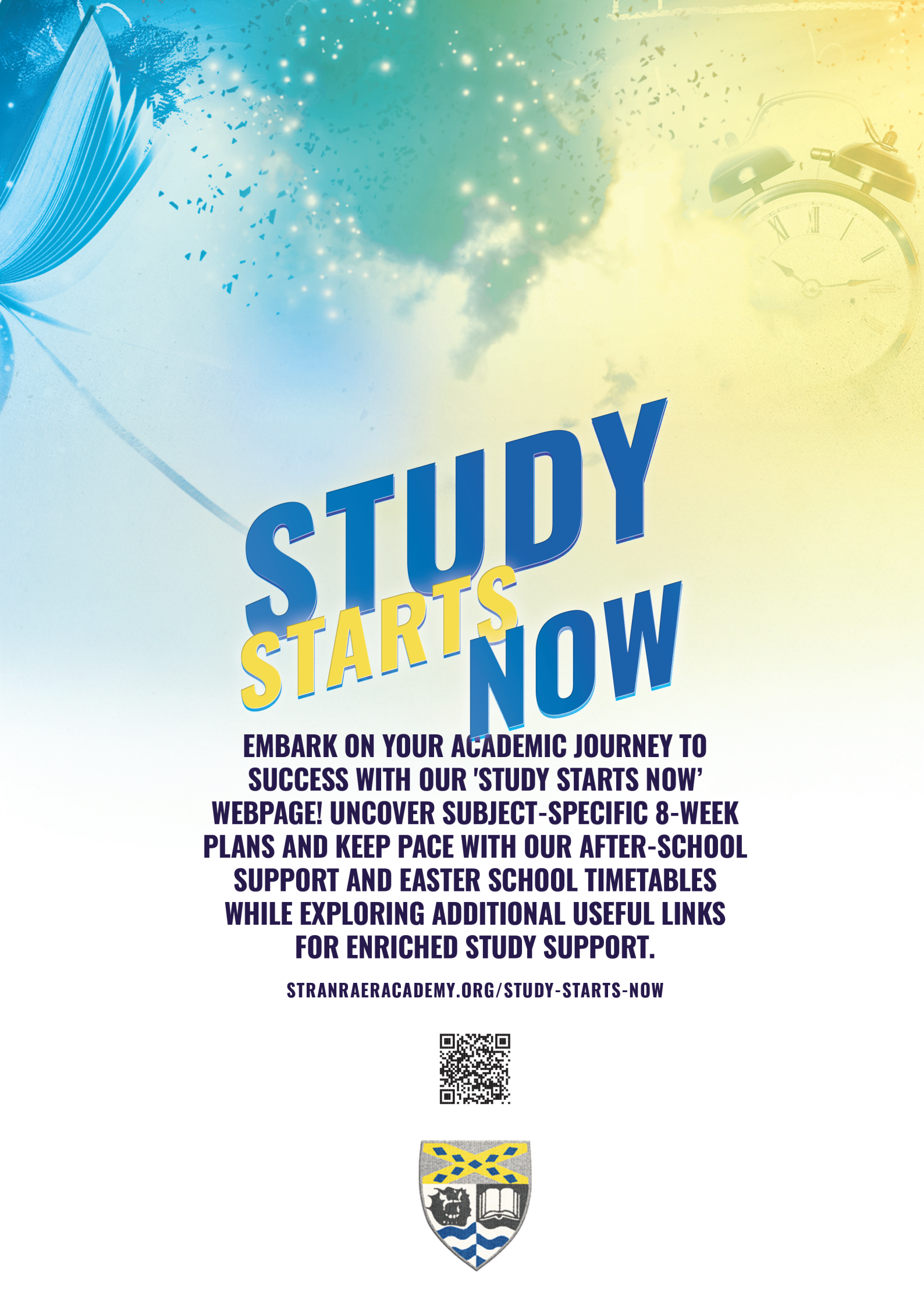| WEEK	STUDY FOCUS
1 26/2-3/3	**Health and Safety** • Safety in the Workshop • Personal Safety vs Machine Safety • Study – Textbook Pages 66-67 • Study – PowerPoints provided on Teams
2 4/3-10/3	**Reading Drawings and Marking out tools** • How to read and understand drawings and cutting lists • What tools are used to mark out wood and how • Study – Textbook Pages 8-15 • Study – Achieve - 'Measuring and Hand Tools'
3 11/3-17/3	**Bench Work Overview** • Hand tools – Name and Use (Identification) • Cutting tools, chisels, Planes, Hammers • Study – Textbook Pages 24-41 • Study – Achieve - 'Measuring and Hand Tools'
4 18/3-24/3	**Bench Work Description** • Hand tools – Name and use (In context/questions) • How to answer questions relation to cutting and marking out • Study – Textbook Pages 8-11 & 24-41 • Study – PowerPoints provided on Teams
5 25/3-31/3	**Machine and Power Tools** • Identification and Use of Powered tools including Lathe, Drill, mortise, and sander types • Setting up Blanks on Lathe and correct usage of tools • Study – Textbook Pages 52-61 • Study – Achieve – 'Machine and Power Tools'
6 1/4 -7/4	**Woodwork Joints** • Carcase and Frame joints (Identification and Usage) • Mechanical Fixings and Cramping • Study – Textbook Pages 40-51 • Study – Achieve – 'Joining and Cramping'
7 8/4-14/4	**Material** • Working Properties and Defects • Wood types and usage • Study – Textbook Pages 16-23 • Study – Achieve – 'Materials and Finishes'
8 15/4-21/4	**How to Finish and the Environment** • Surface Preparation and Finish application • Sustainability and the Environment • Study – Textbook Pages 62-65 & 68-69 • Study – Achieve – 'Materials and Finishes'

Easter School 2024

Day	Level	Teacher	Start	Finish	Location
Monday 25 March					
English	Nat 5/H	Mr Allan	09:00	15:20	Eng 5
Maths	H	Ms Bird	09:00	15:20	Maths 4
Maths & Applications of Maths	Nat 5	Mrs Beggs	09:00	15:20	Maths 3
Maths	Nat 5	Ms McCrone	09:00	15:20	Maths 2
Admin & IT	H	Mrs Dougan	09:00	15:20	ST2
Photography	H	Mr James	09:00	15:20	Art 4
History	H	Ms Moffat	09:00	15:20	SS2
Geography	N5	Ms Livingstone	09:00	15:20	ST6
Tuesday 26 March					
English	H/Adv H	Mr Allan	09:00	15:20	Eng 5
Maths	H	Ms Bird	09:00	15:20	Maths 4
Maths	Nat 5	Ms McCrone	09:00	15:20	Maths 2
History	N5	Mr Lane	09:00	15:20	SS1
Art & Design	N5	Mr Lochrie	09:00	15:20	Art 3
Biology	H	Mr Halliday	09:00	15:20	Sci 11
Health & Food Tech	N5/H	Mrs Shannon	09:00	15:20	Eng 1
Wednesday 27 March					
English	N5/H	Mrs Gibb	09:00	15:20	Eng 6
Art & Design	Nat 5/H	Mrs Hyslop	09:00	15:20	Art 2
Music	N5	Mrs Smith	09:00	12:00	Music 3
Music	H/Adv	Mrs Smith	12:30	15:20	Music 3
Admin & IT	Nat 5	Ms McQuaker	09:00	15:20	ST1
Woodwork	N5	Mr Ayres	09:00	15:20	Tech 6
Biology	H/Adv h	Mr Halliday	09:00	15:20	Sci 11
Thursday 28 March					
English	N5/H	Mrs Gibb	09:00	14:00	Eng 6

S4 -6 Supported Study Session 2023_24

Classes will only change due to meetings/parents evenings

Date / Subject	Level	Teacher	Start	Finish	Location	Notes
Monday						
Computing Science	N5	Ms Hutchinson	1315	1345	ST 3	Lunchtime
Business Management	N5	Ms McQuaker	1530	1630	ST 1	
Chemistry	N5	Mr Cameron	1530	1630	SCI 8	
French	N5	Ms Rennane	1530	1630	Eng 2	
Business Management	H	Ms Fingleton/Ms Biagioni	1530	1630	Tech1/Lib 1	
PE	N5	Mrs Edwards	1530	1630	Lib 2	
Tuesday						
Art & Design	ALL	Mrs Hyslop/Ms Thomson	1315	1345	Art 2	Lunchtime
Maths/Application of Maths	N4/5	Mr McCulloch	1530	1630	St7	
Maths/Application of Maths	N4/5	Mrs Beggs	1530	1630	Maths 3	
Modern Studies	H	Mr Hyslop	1530	1630	SS6	Alternate Tues/Thurs
Metalwork	N5	Mr Ayres	1530	1630	Tech 4	
Admin & IT	N5	Ms McQuaker	1530	1630	ST 1	
Woodwork	N5	Ms Smith	1530	1630	Tech 3	
Biology and Chemistry	All	Mrs Stobo	1530	1630	Sci 9	
PE	N5	Mrs Edwards	1530	1630	Lib 1	Other times available on request
English	N5	Ms Parker	1530	1630	Eng 1	
History	N5	Mr Lane	1530	1630	SS1	
Maths	ALL	Mr Stobo	1530	1630	Maths 5	
Maths	N5/H	Mrs Brown	1530	1630	Maths 6	
Modern Studies	N5	Mrs Rankin	1530	1630	ST 5	
Wednesday						
History	H	Ms Moffat	1530	1630	SS2	Alternate Wed/Thurs
Geography	H	Mr Lockwood	1530	1630	Sci 1	
Admin & IT	N5	Mrs Dougan	1530	1630	Tech 7	
Woodwork Theory	N5	Mr Ayres	1530	1630	Tech 6	
Biology and Chemistry	All	Mrs Stobo	1530	1630	Sci 9	
Sociology	H	Mr Hyslop	1530	1630	ST6	on request
Maths/Application of Maths	N4/5	Miss McCrone	1530	1630	Maths 2	
English	H	Ms Parker	1530	1630	Eng 1	
English	N5	Mrs Gibb	1530	1630	GT 6	Folio work
Maths	ALL	Mr Stobo	1530	1630	Maths 5	
Geography	N5	Ms Livingstone	1530	1700	ST 6	
PE	N5	Ms Forsyth	1530	1630	Lib 2	
Music	ALL	Mrs Smith	1530	1630	Music 3	Performance & Composition
Chemistry	All	Dr Marshall	1530	1630	Sci 6	on request
Modern Studies	N5	Mr Harvey	1530	1630	SS 5	
Art & Design	N5/H	Ms Thomson	1530	1630	Art 2	
Physics	N5/H	Mr McCurry	1530	1630	Sci 4	
Health & Food Tech	H/N5	Mrs Shannon/Mrs Jamieson	1530	1630	ST2/Lib 1	
Biology	H	Mr Halliday	1530	1630	Sci 11	
PE	N4/5	Mr Shannon/Ms Forsyth	1530	1630	Lib 2	
PE	H	Mr Munro	1530	1630	PE Class	*by arrangement
Thursday						
Modern Studies	H	Mr Hyslop	1530	1630	SS6	Alternate Tues/Thurs
History	H	Ms Moffat	1530	1630	SS2	Alternate Wed/Thurs
English	N5/H	Mrs Gibb	1530	1630	GT6	
Admin & IT	H	Mrs Dougan	1530	1630	Tech 7	
RMPS	N5/H	Mr Dornan	1530	1630	SS3	
Graphic Comm	N5	Ms Smith	1530	1630	Tech 6	
Biology and Chemistry	All	Mrs Stobo	1530	1630	Sci 9	

STUDY STARTS NOW

EMBARK ON YOUR ACADEMIC JOURNEY TO SUCCESS WITH OUR 'STUDY STARTS NOW' WEBPAGE! UNCOVER SUBJECT-SPECIFIC 8-WEEK PLANS AND KEEP PACE WITH OUR AFTER-SCHOOL SUPPORT AND EASTER SCHOOL TIMETABLES WHILE EXPLORING ADDITIONAL USEFUL LINKS FOR ENRICHED STUDY SUPPORT.

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