



JOHNSTONE HIGH SCHOOL

DETERMINATION • HONESTY • RESPECT
FRIENDSHIP • TRUST • RESPONSIBILITY

Prelim Information Booklet

December 2019

Subject: Art and Design – National 5



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Key areas of subject knowledge that will be assessed in the prelim exam:

Mandatory Question (a) - TWO key Designs/designers to be fully researched - you are required to respond to **three** prompts.

Prompts:

- **One** from: Function or fitness for purpose
- **One** from: materials and/or techniques – Target market /audience
- **One** from: visual impact or style

AND

Which of these two designs is most successful? Give two justified reasons.

(you only pick one designer/design)

10 marks awarded

Part (b) – this question requires you to demonstrate knowledge and understanding of **TWO** influences that can be seen in your chosen designers work. (You refer to **ONE** designer)

(b) Select **one** designer from part (a).

Identify two influences on this designer and describe how these influences can be seen in any of their work.

5 marks awarded

AND

One optional picture question

Other important skills that will be assessed in the prelim exam:

– With reference to unseen prompts (**random picture question**) - you must give justified opinions using appropriate design vocabulary. **10 marks awarded**

The picture question has to be fully explained and justified to be awarded a mark, linking back to the image. (**POINT, EVIDENCE LINK, EXPLAIN – GIVE DETAIL**) –

(You must answer with a definite response: the designer has, the design is.....(NOT I THINK)

Where you can go for help/advice:

SQA Website

Teacher Support

Teacher notes/ handouts

Past Papers

GW12mchendrysandra@glow.sch.uk

GW07harrislynn2@glow.sch.uk

GW07mcgregoreuan@glow.sch.uk

GW07sheppardandrew@glow.sch.uk

Youtube links of designer

Designer web site

BBC Bitesize

Specific advice for exam:

The written prelim is only half the full exam paper.

This exam will be 45 minutes.

The full exam is 90 minutes and will also involve questions about Expressive artists. This content will be covered before the full exam.

You have 3 questions to complete for this exam. (15 minutes each question)

1. Mandatory - your two designer/piece/ collection(a) and Influences(b)
(a and b count as two questions)
2. One optional picture question that you feel is most suitable to answer

**25 marks awarded
for all 3 questions**



Art and Design-Higher

Key areas of subject knowledge that will be assessed in the prelim exam:

Prelim/practice exam consists of:

- 1 question based on your knowledge of 1 designer (mandatory)
- 2 previously unseen picture questions based on your knowledge of design elements and terminology (pupil choice)
- 1 key designer to be fully researched. Design terminology booklet will support the mandatory question and two unseen picture questions.

Other important skills that will be assessed in the prelim exam:

Each question (3 in total) needs to be fully explained and justified to be awarded a mark.

1 fully explained and justified point will receive 1 mark.

Linking your answers back to the image or designer at any opportunity. (Point, Evidence, Explain and Link PEEL)

Avoid vague comments, commit yourself to facts and knowledge about the designer you have studied, instead of "I think.." (mandatory question)

Where you can go for help/advice:

SQA website, teacher notes and handouts, past papers, teacher support and contacting teacher through Glow or Show my Homework.

Other resources you can use to study:

YouTube links about the designer and collection.

BBC Bitesize/Higher

Specific advice for exam:

1-hour exam, each question is worth 10 marks. Spend 20 minutes on each question to balance your time. The prelim/practice exam is only half the full paper.

The full exam will also involve questions regarding the work of Expressive artists. This content will be covered before the full exam.

Prelim Exam Information Sheet November 2019

Mandatory question based on your designer and two optional design questions from a selection of pictures to be completed by each student

Subject: N5 Administration and IT



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Key areas of subject knowledge that will be assessed in the prelim exam:

Theory

- Reliable sources of information
- E-Diary theory

Practical

- **Spreadsheet** – inserting formula, absolute cells, naming cells, formatting cells and sorting, if statements and producing a chart. Following correct printing instructions.

Other important skills that will be assessed in the prelim exam:

- Ability to understand **COMMAND WORDS**

Where you can go for help/advice:

You can ask any Business Education Teacher (Miss Vernal, Mrs Moffat) for help and advice or you can attend any supported study session arranged.

Other resources you can use to study:

Core Notes issued for theory plus any materials published in teams

SQA Website for past papers and solutions for theory and practical work

<https://www.sqa.org.uk/sqa/47435.html>

Specific advice for exam:

Paper 1: 1 hour 20 mins – 31 marks

REMEMBER: For theory

Answer all questions

Look at the mark allocation

Give enough points to gain marks

Follow the Command Words (very important)

REMEMBER: For practical

Good attendance in class to practice questions

Make sure all printouts are handed in at the end even if a question is not finished

In class time during December 1hr 30 mins (3 periods maximum)

Key areas of subject knowledge that will be assessed in the prelim assignment:

Theory

- Customer Care
- Benefits of E-Mail
- Health & Safety Responsibilities of organisation
- Duties/Skills of Admin Assistant

Practical

- Internet searches
- E-diary entries
- PowerPoint presentation

The same advice given above applies to the Prelim Assignment.

Subject: Higher Administration and IT



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Key areas of subject knowledge that will be assessed in the prelim exam:

Theory

- Role of Senior Office Administrator
- Effective time and task management
- Value of having a high level of IT skills
- Documents used in formal meetings
- Time Stealers
- Team formation
- Leadership
- Copyright Legislation and failure to comply with it

Practical

- **Spreadsheet** – advanced formula such as sumif, countif, hlookup, nestedif, percentage change
- **Database** – creating a sub form, query, advanced query with calculations, database grouped report
- **PowerPoint** – use of master slide, insertion of web link, insertion from spreadsheet, handout printout

Other important skills that will be assessed in the prelim exam:

- Ability to understand **COMMAND WORDS**

Where you can go for help/advice:

You can ask any Business Education Teacher (Miss Vernal, Mrs Moffat) for help and advice or you can attend any supported study session arranged.

Other resources you can use to study:

Core Notes issued for theory plus any materials published in teams

SQA Website for past papers and solutions for theory and practical work

<https://www.sqa.org.uk/sqa/47918.html>

Prelim Exam Information Sheet November 2019

Specific advice for exam:

There will be 2 papers

Theory Paper 1: 1 hour

Section 1: Case Study (10 marks)

Section 2: Questions (21 marks)

Practical Paper 2: 1 hour 20 mins (43 marks)

REMEMBER: For the theory paper

Answer all questions

Look at the mark allocation

Give enough points to gain marks

Follow the Command Words (very important)

REMEMBER: For the practical paper

Good attendance in class to practice questions

Make sure all printouts are handed in at the end even if a question is not finished

Subject: Higher Biology



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Key areas of subject knowledge that will be assessed in the prelim exam will be:

Unit 1: DNA and the Genome

KA1 : The Structure of DNA

KA2: Replication of DNA

KA3: Control of Gene Expression

KA4: Cellular Differentiation

KA5: Structure of the Genome

KA6: Mutations

KA7: Evolution

KA8: Genomic Sequencing

Unit 2: Metabolism and survival

KA1: Metabolic Pathways and their control

KA2: Cellular Respiration

KA3: Metabolic Rate

KA4: Metabolism in conformers and regulators

KA5: Metabolism and adverse conditions

Other important skills that will be assessed in the prelim exam:

Numeracy

2.1 Number processes: Number processes means solving problems arising in everyday life through carrying out calculations, making informed decisions based on the results of these calculations and understanding these results. In biology contexts, candidates carry out calculations with data and results from experiments/investigations and everyday class work.

2.2 Money, time and measurement Candidates use their understanding of time and measurement to solve problems and handle data in a variety of biology contexts, including practical and investigative.

2.3 Information handling In this course, information handling means being able to interpret biological data in tables, charts and other graphical displays to draw sensible conclusions throughout the course. It involves interpreting the data and considering its reliability in making reasoned deductions and informed decision

Where you can go for help/advice:

You can ask any Biology teacher (Ms Cole, Mrs Irving, Mr McGurk) for help and advice, or you can come to any supported study sessions arranged: See the supported study calendar.

Other resources you can use to study:

All power-points used in lessons are available on show my homework.

You will be issued a checklist of all learning outcomes for the topics covered in the prelim exam, make sure you read through all of these and study any area you are unsure of.

Your notes from lessons and experimental notes from practical experiments will help you identify variables and scientific methods which may be asked about in the exam paper.

BBC Bitesize Higher Biology is a good source of information and practice tests:

<https://www.bbc.co.uk/bitesize/subjects/zm6tyrd>

Specific advice for exam:

There will be two papers:

Section 1: Multiple Choice (40 mins)

Section 2: Question Paper (2hrs 20 mins)

SQA past-papers are an excellent tool to help practice your exam responses and timing:

<https://www.sqa.org.uk/sqa/47912.html>

Timing yourself is a really useful way of practicing for your exams and making sure you develop the stamina and concentration needed for longer exams.

Subject: National 5 Business Management



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Key areas of subject knowledge that will be assessed in the prelim exam:

Understanding Business

- Types of Organisation – Features and objectives of each
- Sectors of Industry
- Sectors of the Economy
- Customer Satisfaction
- Stakeholder Interest and Influence
- Internal Factors
- External Factors

Marketing

- Pricing Strategies
- Factors that impact selling price
- Market Research
- Branding
- E-commerce
- Market Segmentation
- The product life cycle

Other important skills that will be assessed in the prelim exam:

- Ability to understand **COMMAND WORDS**
- Understating of business of **TERMINOLOGY**

Literacy:

Ability to write out extended answers using business terminology that are detailed and meet the criteria set out by the command word.

Where you can go for help/advice:

- You can ask any Business teacher (Miss Vernal or Mrs Moffat) for help and advice, or you can come to any supported study sessions arranged.
- N5 Business Management Teams Page, you can post questions on this platform and seek guidance and support from both your class teacher and other class members.

Other resources you can use to study:

- Past paper/marking schemes on the SQA website
- Use Quizizz homework revision codes to study key content
- Prelim Revision Pack issued by teacher
- Understanding Business and Marketing Notes Packs

Specific advice for exam:

There will be one paper with 2 sections lasting 1 hour and 30 min:

Section 1: Case Study's (40 marks)

Section 2: Question Paper (20 marks)

SQA past-papers are an excellent tool to help practice your exam responses and timing:

<https://www.sqa.org.uk/sqa/47912.html>

Timing yourself is a really useful way of practicing for your exams and making sure you develop the stamina and concentration needed for longer exams.

REMEMBER:

- Do not miss out any questions always try to write something.
- Make sure you write enough to get all the marks allocated (Write more if you can, but not less)
- Try to avoid using words like "stuff" and "money" talk about "resources" and "products" as well as "profit" and "capital".

Subject: Higher Business Management



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Key areas of subject knowledge that will be assessed in the prelim exam:

Understanding Business

- Types of Organisation – Features and objectives of each
- Multinationals
- Franchising
- Internal Factors
- Methods of Growth
- Stakeholder Conflict
- Structures
- Decision Making
- Role of a Manager

Marketing

- Pricing Strategies
- Direct Selling
- Boston Matrix
- Product Portfolio's

Other important skills that will be assessed in the prelim exam:

- Ability to understand **COMMAND WORDS**
- Understating of business of **TERMINOLOGY**

Literacy:

Ability to write out extended answers using business terminology that are detailed and meet the criteria set out by the command word.

Where you can go for help/advice:

- You can ask any Business teacher (Miss Vernal or Mrs Moffat) for help and advice, or you can come to any supported study sessions arranged.
- Higher Business Management Teams Page, you can post questions on this platform and seek guidance and support from both your class teacher and other class members.

Other resources you can use to study:

- Past paper/marking schemes on the SQA website
- Use Quizizz homework revision codes to study key content
- Prelim Revision Pack issued by teacher
- Understanding Business and Marketing Notes Packs

Specific advice for exam:

There will be one paper with 2 sections lasting 2 hours:

Section 1: Case Study (30 marks)

Section 2: Question Paper (30 marks)

SQA past-papers are an excellent tool to help practice your exam responses and timing:

<https://www.sqa.org.uk/sqa/47912.html>

Timing yourself is a really useful way of practicing for your exams and making sure you develop the stamina and concentration needed for longer exams.

REMEMBER:

- Do not miss out any questions always try to write something.
- Make sure you write enough to get all the marks allocated (Write more if you can, but not less)
- Try to avoid using words like "stuff" and "money" talk about "resources" and "products" as well as "profit" and "capital".

Subject: National 5 Chemistry



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Key areas of subject knowledge that will be assessed in the prelim exam will be:

Unit 1: Chemical Changes and Structure

Rates of Reaction

Atomic Structure and bonding

Formulae and reaction quantities

Acids and Bases

JHS Pupil Booklet: S3 Booklet Unit 1 part 1,2,3,4,5,6

Unit 2: Nature's Chemistry

Homologous Series

Everyday Consumer Products

JHS Pupil Booklet: National 5 Unit 2

Unit 3: Chemistry in Society

Metals

JHS Pupil Booklet: National 5 Unit 3 part 1

Other important skills that will be assessed in the prelim exam:

Numeracy

Number processes: In Chemistry contexts, candidates carry out calculations with data and results from experiments/investigations and everyday class work.

Money, time and measurement: Candidates use their understanding of time and measurement to solve problems and handle data in a variety of chemistry.

Information handling: selecting and processing information (using calculations and units, where appropriate).

Thinking skills

Applying: applying knowledge of chemistry to new situations, interpreting information and solving problems

Analysing and Evaluating: selecting information and making predictions and generalisations based on evidence / information. Suggesting improvements to experiments.

Where you can go for help/advice:

You can ask any Chemistry teacher (Dr Costello, Mrs Steven, Miss Wilson) for help and advice, or you can come to any supported study sessions on Monday, Tuesday, Thursday lunchtimes or mornings 08:00 to 08:50.

Other resources you can use to study:

All National 5 pupils have pupil booklets and there is a summary of learning outcomes which can be found at the rear of these documents.

All pupils were also provided with Summary notes from Unit 1.

National 5 pupils have had regular past papers set for homework over the last 4-6 weeks and this will continue up to and after the prelim exam.

Further SQA past-papers can be found at: <https://www.sqa.org.uk/sqa/47912.html>

BBC Bitesize National 5 Chemistry is a good source of information and practice tests:
<https://www.bbc.co.uk/bitesize/subjects/zmnp34j>

Specific advice for exam:

There will be 2 hours 30 minutes for one paper:

Section 1: Multiple Choice (25 marks)

Section 2: Written Question Paper (75 marks)

Timing yourself using SQA past papers is a really useful way of practicing for your exams and making sure you develop the stamina and concentration needed for longer exams.

Subject: Higher Chemistry

Key areas of subject knowledge that will be assessed in the prelim exam will be:



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Unit 1: Chemical Changes and Structure

Periodicity

Structure and bonding

Oxidising and reducing agents

JHS Pupil Booklet: Higher Unit 1 part 1,2,3

Unit 3: Chemistry in Society

Controlling the rate

Chemical energy

Getting the most from reactants

Equilibria

JHS Pupil Booklet: Higher Unit 3 part 1, 2,3,4

Other important skills that will be assessed in the prelim exam:

Literacy

Writing: For example demonstrating knowledge and understanding by making accurate statements.
Communicating findings effectively.

Numeracy

Number processes: In Chemistry contexts, candidates carry out calculations with data and results from experiments/investigations and everyday class work.

Money, time and measurement: Candidates use their understanding of time and measurement to solve problems and handle data in a variety of chemistry.

Information handling: selecting and processing information (using calculations and units, where appropriate) in a variety of forms.

Thinking skills

Applying: applying knowledge of chemistry to new situations, analysing information and solving problems

Analysing and Evaluating: selecting information and making predictions and generalisations based on evidence / information. Suggesting improvements to experiments.

Creating: Learners have opportunities to make, write, say or do something new.

Where you can go for help/advice:

You can ask any Chemistry teacher (Dr Costello, Mrs Steven, Miss Wilson) for help and advice, or you can come to any supported study sessions on Monday, Tuesday, Thursday lunchtimes or mornings 08:00 to 08:50.

Other resources you can use to study:

All Higher pupils have pupil booklets and there is a summary of learning outcomes and definitions which can be found at the rear of these documents.

Higher pupils have two past papers set over October holidays and will have regular set homework on a weekly basis up to the prelim.

Further SQA past-papers can be found at: <https://www.sqa.org.uk/sqa/47912.html>

BBC Bitesize Higher Chemistry is a good source of information and practice tests:
<https://www.bbc.co.uk/bitesize/subjects/zjmtsbk>

Specific advice for exam:

There will be two papers:

Section 1: Multiple Choice (25 marks): 40 Minutes

Section 2: Written Question Paper (95 marks): 2 hours 20 minutes

Timing yourself using SQA past papers is a really useful way of practicing for your exams and making sure you develop the stamina and concentration needed for longer exams.

Subject: Higher Childcare and Development



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Key areas of subject knowledge that will be assessed in the prelim exam will be:

Unit 1: Child Development

- *Explaining child development*
 - Aspects of Development
 - Normative and Developmental Milestones
 - Interrelationship of aspects of development
 - Methods of assessments
- *Analysing factors that influence development*
 - Cultural, economic, familial, genetic, political, social, technological influences etc.

Unit 2: Child Development: Theory

- *Explaining and evaluating theories of development*
 - Theories of development and how they are applied to current practice for each of the following aspects of development; Social, Emotional, Linguistic, Cognitive, Physical and Play.

Where you can go for help/advice:

You can ask Miss Docherty for help and advice, or you can come to any supported study sessions arranged.

Other resources you can use to study:

All power points used in lessons will be available on show my homework.

You will be issued a checklist of all learning outcomes for the topics covered in the prelim exam, make sure you read through all of these and study any area you are unsure of.

There are a range of books available to read in Miss Docherty's classroom if you are looking for more information.

Specific advice for exam:

There will be one question paper that will last 1 hour 30 mins.

Ensure you have looked over your command word help sheet and structure strips so that you are aware of the specific way to each question.

Subject: Computing Science N5



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Key areas of subject knowledge that will be assessed in the prelim exam will be:

Unit 1: Software Design and Development

Analysis: Identify the **purpose** and **functional requirements** of a problem that relates to the design and implementation in terms of: input, process and output.

Design / Implementation: Identify the data types and structures required for a problem that relates to the implementation: Character, String, Numeric (integer and real), Boolean, 1-D arrays.

Design: Describe, identify, and be able to read and understand: Structure diagrams, Flowcharts and Pseudocode.

Design: Describe, exemplify, and implement user-interface design, in terms of input and output, using a **wireframe**.

Implementation: Describe, exemplify, and implement the appropriate constructs in a high-level (textual) language:

Implementation: Describe, exemplify, and implement standard algorithms: Input validation, Running total within loop, Traversing a 1-D array.

Testing: Describe, identify, exemplify, and implement **normal**, **extreme**, and **exceptional** test data for a specific problem, using a **test table**.

Testing: Describe and identify **syntax**, **execution**, and **logic errors**.

Evaluation: Describe, identify, and exemplify the evaluation of a solution in terms of Fitness for purpose, Efficient use of coding constructs, Robustness, Readability (Internal commentary, Meaningful identifiers, Indentation, White space).

Unit 2: Web Design and Development

Analysis: Identify the end-user and functional requirements of a website problem that relates to the design and implementation.

Design: Describe and identify the implications for individuals and businesses of the Copyright, Designs and Patents Act 1988 relating to web content (text, graphics, video, and audio).

Design: Compare a range of standard file formats:

Audio - WAV and MP3 in terms of compression, quality, and file size

Bit-mapped graphic standard file formats JPEG, GIF, and PNG in terms of compression, animation, transparency, and colour depth.

Design: Describe the factors affecting file size and quality, relating to resolution, colour depth, and sampling rate.

Design: Describe, exemplify and implement prototyping (low-fidelity) from wireframe design.

Implementation: Describe, exemplify and implement HTML code.

Implementation: Describe and implement hyperlinks (internal and external), relative and absolute addressing.

Implementation: Describe and identify Javascript coding related to mouse events: Onmouseover and Onmouseout

Testing: Describe and exemplify testing: Matches user-interface design, Links and navigation work correctly, Media (such as text, graphics, and video) display correctly, Consistency

Unit 3: Computer Systems

Data representation: Describe and exemplify the use of binary to represent positive integers.

Data representation: Describe floating point representation of positive real numbers using the terms mantissa and exponent.

Data representation: Convert from binary to denary and vice-versa.

Data representation: Describe the vector graphics method of graphic representation for common objects: rectangle, ellipse, line, polygon

Data representation: Describe the bit-mapped method of graphics representation.

Computer Structure: Describe the purpose of the basic computer architecture components and how they are linked together: processor (registers, ALU, control unit), memory locations with unique addresses, buses (data and address)

Computer Structure: Explain the need for interpreters and compilers to translate high-level program code to binary (machine code instructions).

Environmental Impact: Describe the energy use of computer systems, the implications on the environment and how these could be reduced through: settings on monitors, power down settings, leaving computers on standby.

Security Precautions: Describe the role of firewalls.

Security Precautions: Describe the use made of encryption in electronic communications.

Where you can go for help/advice:

You can ask any Computing Science teacher (Mr McGivern, Mrs McVey, Mr Brooks) for help and advice, or you can come to any supported study sessions arranged: Thursday lunchtime in IT3 is a dedicated N5 Computing Science study session. Wednesday and Friday lunchtimes are open sessions along with Higher Computing Science.

Questions can be posed throughout the exam period at any time within Microsoft Teams.

Other resources you can use to study:

BBC Bitesize National 5 Computing Science is a excellent revision resource.

<https://www.bbc.co.uk/bitesize/subjects/zfs3kqt>

Past Prelim papers and solutions are available in Onenote.

Specific advice for exam:

There is one paper for this prelim which covers Software Design and Development, Web Design and Development and Computer Systems. Database Design and Development will not be covered in this exam but will be in a 2nd prelim exam as well as the final exam.

There will be one paper with two sections:

Section 1: Short questions (20 marks)

Section 2: Detailed questions (70 marks)

Timing yourself is a really useful way of practicing for your exams and making sure you develop the stamina and concentration needed for longer exams.

Subject: Higher Computing Science



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Key areas of subject knowledge that will be assessed in the prelim exam will be:

Unit 1: Software Design and Development

Analysis: identify purpose, scope, boundaries and functional requirements of a problem.

Design: Read and understand designs of solutions using structured diagrams and pseudo code.

Design: Exemplify and implement design solutions showing top level design, data flow and refinements.

Design: Describe, exemplify and implement user-interface design using wireframes.

Implementation: Describe, exemplify and implement appropriate constructs: Parameter passing, scope of local and global variables, substrings, file handling.

Implementation: Describe, exemplify and implement standard algorithms involving linear search, find maximum and minimum and count occurrences.

Testing: Identify syntax, execution and logic errors.

Testing: describe and exemplify debugging techniques – dry runs, trace tables, breakpoints, watchpoints.

Evaluation: Describe, exemplify and implement solutions in terms of fitness for purpose, efficient use of coding constructs, usability, maintainability and robustness.

Unit 2: Web Design and Development

Analysis: identify end user and functional requirements.

Design: Describe, exemplify and implement low fidelity prototyping from wireframe design at this level.

Describe, exemplify and implement effective user interface design regarding horizontal navigation bar, file formats of media, form inputs.

Implementation: Describe, exemplify and implement efficient inline, internal and external CSS to control positioning and appearance and create horizontal navigation bars.

Implementation: Describe, exemplify and implement HTML code – nav, header, footer, section, main, form, ID attribute.

Implementation: Describe, exemplify and implement form elements – text, number, radio, submit.

Implementation: Describe, exemplify and implement form validation – length, presence, range.

Implementation: Describe, exemplify and implement coding of Javascript for onmouseover, onmouseout, onclick.

Testing: Describe and exemplify compatibility testing for tablet, smartphone, desktop.

Evaluation: Evaluate solution in terms of fitness for purpose and usability.

Unit 3: Computer Systems

Data Representation: Describe and exemplify the use of **binary** to represent **positive and negative integers** using **two's complement**.

Data Representation: Describe the relationship between the number of bits assigned to the mantissa/exponent, and the **range** and **precision** of floating-point numbers.

Computer Structure: Describe the concept of the fetch execute cycle.

Computer Structure: Describe the factors affecting computer system performance: number of processors, width of data bus, cache memory, clock speed.

Security Risks: Describe and identify the implications for individuals and businesses of the **Computer Misuse Act 1990**: Unauthorised access to computer material , unauthorised access with intent to commit a further offence, unauthorised modification of programs or data on a computer.

Security Risks: Describe how **encryption** is used to secure transmission of data: Use of public and private keys, digital certificates, digital signatures

Where you can go for help/advice:

You can ask any Computing Science teacher (Mr McGivern, Mrs McVey, Mr Brooks) for help and advice, or you can come to any supported study sessions arranged:

Note that Tuesday lunchtimes are assigned specifically for Higher Computing Science support in IT 3 with Mr McGivern. Wednesday and Friday lunchtimes are sessions in IT3 for General Computing Science help.

Questions can be posed throughout the exam period at any time within Microsoft Teams.

Other resources you can use to study:

BBC Bitesize Higher Computing Science is an excellent source of revision:

<https://www.bbc.co.uk/bitesize/subjects/zxmh34j>

Practice Prelim papers and solutions will be available within Onenote.

Notes and subject content documents are available also in teams with check lists to allow you to keep track of how you feel you are progressing with each particular topic.

Specific advice for exam:

There is one paper for this prelim which covers Software Design and Development, Web Design and Development and Computer Systems. Database Design and Development will not be covered in this exam but will be in a 2nd prelim exam as well as the final exam.

Section 1: Short Questions (20 marks)

Section 2: Detailed Questions (70 marks)

Overall time: 2 hrs

Timing yourself is a really useful way of practicing for your exams and making sure you develop the stamina and concentration needed for longer exams.

Subject: National 5 English



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Key areas of subject knowledge that will be assessed in the prelim exam:

Your ability to understand, analyse and evaluate literary texts. You will have studied these in class but the RUAE exam text will be previously unseen.

Your ability to create a structured critical essay that analyses and evaluates the text and demonstrates an understanding of its central concerns.

Where you can go for help/advice:

You can ask any English teacher for help and advice, or you can come to any supported study sessions arranged: see the supported study calendar.

Other resources you can use to study:

- Class teachers will ensure that resources/PowerPoints are available on Show My Homework and/or Edmodo.
- All resources provided in class, together with your work and notes from class work.
- BBC Bitesize is a good source of information:
 - <https://www.bbc.co.uk/bitesize/subjects/zmcrd2p>
- SQA past papers. These are excellent to practice under timed conditions.
 - <https://www.sqa.org.uk/pastpapers/findpastpaper.htm?subject=English&level=N5>

Specific advice for exam:

Paper 1: Reading for Understanding, Analysis and Evaluation (1 hour)

Paper 2: Critical Reading (1 hour 30 minutes)

(i) Scottish Set Text – you will have studied Tally’s Blood, Sailmaker, MacCaig poetry or Duffy poetry.

You must answer on only one text.

(ii) Critical Essay – you will complete a critical essay on a text studied in class. You must ensure you directly answer the question.

You must answer only one question.

Time Management

The ability to manage your time will be crucial, particularly as you sit Paper 2. Be sure to leave enough time to complete a critical essay – a minimum of 50 minutes is recommended.

Subject: Higher English



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION·HONESTY·RESPECT
FRIENDSHIP·TRUST·RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam:

Your ability to understand, analyse and evaluate literary texts. You will have studied these in class but the RUAE exam text will be previously unseen.

Your ability to create a structured critical essay that analyses and evaluates the text and demonstrates an understanding of its central concerns.

Where you can go for help/advice:

You can ask any English teacher for help and advice, or you can come to any supported study sessions arranged: see the supported study calendar.

Other resources you can use to study:

- Class teachers will ensure that resources/PowerPoints are available on Show My Homework and/or Edmodo.
- All resources provided in class, together with your work and notes from class work.
- BBC Bitesize is a good source of information:
<https://www.bbc.co.uk/bitesize/subjects/zqxhfg8>
- SQA past papers. These are excellent to practice under timed conditions.
- <https://www.sqa.org.uk/pastpapers/findpastpaper.htm?subject=English&level=NH>

Specific advice for exam:

Paper 1: Reading for Understanding, Analysis and Evaluation (1 hour 30 minutes)

Paper 2: Critical Reading (1 hour 30 minutes)

(i) Scottish Set Text – you will have studied MacCaig poetry or Duffy poetry.

You must answer on only one text.

(ii) Critical Essay – you will complete a critical essay on a text studied in class. You must ensure you directly answer the question.

You must answer only one question.

Time Management

The ability to manage your time will be crucial, particularly as you sit Paper 2. Be sure to leave enough time to complete a critical essay – a **minimum** of 50 minutes is recommended.

Subject: National 5 French, German, and Spanish



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION · HONESTY · RESPECT
FRIENDSHIP · TRUST · RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam will be:

- **Society** (Family relationships, local area, healthy lifestyles, hobbies, daily routine)
- **Learning** (school subjects, exams, school stress, schools in other countries)
- **Employability** (Jobs, skills, work experience)
- **Culture** (Holidays past and future, French/German/Spanish speaking countries and their festivals)

Candidates will demonstrate knowledge and understanding of:

- detailed written language and significant ideas/information and supporting details from the contexts of society, learning, employability or culture
- extracting the main points and details of texts
- using detailed written language in the modern language
- applying knowledge and understanding of the modern language

Other important skills that will be assessed in the prelim exam:

Numeracy

2.1 Number processes: Number processes means solving problems arising in everyday life through carrying out calculations. In an MFL context this could be understanding percentages, fractions, and understanding these results.

Employability, Enterprise and Citizenship

4.6 Citizenship: Citizenship includes having concern for the environment and for others; being aware of rights and responsibilities; being aware of the democratic society; being outward looking towards society; being able to recognise one's personal role in this context; and being aware of global issues, understanding one's responsibilities within these, and acting responsibly.

Thinking Skills

5.3 Applying: Applying is the ability to use existing information to solve a problem in a different context, and to plan, organise and complete a task.

Where you can go for help/advice:

You can ask any Languages teacher (Mrs Kilgour, Mrs Ferguson, Mrs Campbell, Mrs Wisely) for help and advice, or you can come to any supported study sessions arranged:

Spanish = Tuesdays after school

German = Wednesdays after school

French = Thursdays after school

Other resources you can use to study:

Your notes from lessons, grammar notes, vocabulary booklets, and listening booklets will all be useful for your revision. Please bring a USB stick to class for any additional resources and/or listening files.

BBC Bitesize is a good source of information, grammar practice, and practice tests:

<https://www.bbc.co.uk/bitesize/subjects/zjg86sg>

SQA past-papers are an excellent tool to help practice your exam responses and timing:

<https://www.sqa.org.uk/pastpapers/findpastpaper.htm?subject=French&level=N5>

<https://www.sqa.org.uk/pastpapers/findpastpaper.htm?subject=German&level=N5>

<https://www.sqa.org.uk/pastpapers/findpastpaper.htm?subject=Spanish&level=N5>

Timing yourself is a really useful way of practicing for your exams. For the Reading past paper you should train yourself to spend approximately 20 minutes on each text. This will leave you with 30 minutes to complete the Writing section of the exam (Job application letter).

Specific advice for exam:

There will be 3 papers **(please note the Writing section of the exam will be done in class time, separate from the prelim timetable).**

Component 1: Question paper 1 Reading 30 marks.

Candidates read three texts of equal length in the modern language. Each text derives from a different context: society, learning, employability or culture, and is followed by questions in English. Candidates respond to the questions in English. There are 10 marks available for the questions on each text. Candidates may use a bilingual dictionary.

Component 2: Question paper 1 Writing 20 marks.

Candidates produce one written text of 120–150 words in the modern language in response to a job advert stimulus supported by six bullet points which the candidate must address. Four of the bullet points are common, are predictable, and have been prepared in class, but there are two additional bullet points that are unpredictable but linked to the specific context. Candidates may use a bilingual dictionary.

Component 3: Question paper 3 Listening 20 marks

There are two parts to the listening paper; a monologue and a conversation. Candidates first listen to one monologue in the modern language and respond to questions worth 8 marks. They then listen to one conversation in the modern language and respond to questions worth 12 marks. The texts are linked thematically and are based on the context which is not sampled in the reading texts in question paper 1.

Candidates **may not** use a dictionary. Questions are in English and candidates respond in English.

Subject: Higher French, German, and Spanish



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION · HONESTY · RESPECT
FRIENDSHIP · TRUST · RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam will be:

- **Society** (Different types of family, healthy lifestyles, obesity, drugs, alcohol)
- **Learning** (Exam stress, future plans, gap year, school exchanges)
- **Employability** (Jobs, skills, work experience, importance of languages)
- **Culture** (French/German/Spanish speaking countries, stereotypes, festivals)

Candidates will have an opportunity to demonstrate:

- understanding of detailed and complex written language from one of the following texts: society, learning, employability, culture
- identification of the main points and supporting detail
- identification and explanation of the overall purpose of the text
- translation of one section of the written text into English
- use of detailed and complex written language in the modern language
- application of knowledge and understanding of the modern language
- application of grammatical knowledge and understanding

Other important skills that will be assessed in the prelim exam:

Numeracy

2.1 Number processes: Number processes means solving problems arising in everyday life through carrying out calculations. In an MFL context this could be understanding percentages, fractions, and understanding these results.

Employability, Enterprise and Citizenship

4.6 Citizenship: Citizenship includes having concern for the environment and for others; being aware of rights and responsibilities; being aware of the democratic society; being outward looking towards society; being able to recognise one's personal role in this context; and being aware of global issues, understanding one's responsibilities within these, and acting responsibly.

Thinking Skills

5.3 Applying: Applying is the ability to use existing information to solve a problem in a different context, and to plan, organise and complete a task.

Where you can go for help/advice:

You can ask any Languages teacher (Mrs Kilgour, Mrs Ferguson, Mrs Campbell, Mrs Wisely) for help and advice, or you can come to any supported study sessions arranged:

Spanish = Tuesdays after school

German = Wednesdays after school

French = Thursdays after school

Other resources you can use to study:

Your notes from lessons, grammar notes, vocabulary booklets, and listening booklets will all be useful for your revision. Please bring a USB stick to class for any additional resources and/or listening files.

BBC Bitesize is a good source of information, grammar practice, and practice tests:

<https://www.bbc.co.uk/bitesize/subjects/z7cwhyc>

SQA past-papers are an excellent tool to help practice your exam responses and timing:

<https://www.sqa.org.uk/pastpapers/findpastpaper.htm?subject=French&level=NH>

<https://www.sqa.org.uk/pastpapers/findpastpaper.htm?subject=German&level=NH>

<https://www.sqa.org.uk/pastpapers/findpastpaper.htm?subject=Spanish&level=NH>

Specific advice for exam:

There will be 3 papers **(please note the Writing section of the exam will be done in class time, separate from the prelim timetable).**

Component 1: Question paper 1 Reading 30 marks.

20 marks are available for identifying main points, supporting detail and overall purpose.

10 marks are available for translating part of the text into English.

Candidates read one text in the modern language, then respond to the questions, in English. They provide answers based on comprehension of information from the text. There are generally between 1–3 marks available for each question. In the penultimate question candidates need to identify the overall purpose of the text and must draw meaning from their overall understanding of the text.

In the final question, candidates must translate the underlined text, which is divided into five sense units.

Component 2: Question paper 1 Directed Writing 20 marks.

Candidates choose one scenario from the two provided in the question paper.

The two scenarios relate to the two contexts which are not sampled in reading or listening.

Candidates produce one piece of writing on their chosen scenario, of 150–180 words, using detailed and complex language in the modern language. The scenario contains six related bullet points.

Candidates must address all information in each bullet point.

The directed writing task assesses candidates' ability to use appropriate past tenses and at least one other tense (for example, conditional or future).

Component 3: Question paper 3 Listening 20 marks

Candidates listen to one monologue in the modern language and respond to questions worth 8 marks. They then listen to one conversation in the modern language, with questions worth 12 marks. The texts are linked thematically and are based on the context which is not sampled in the reading text or directed writing scenarios. Candidates **may not** use a dictionary. Questions are in English and candidates respond in English.

Subject: Advanced Higher French



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION · HONESTY · RESPECT
FRIENDSHIP · TRUST · RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam will be:

- **Society** (new family structure, marriage, media, citizenship)
- **Learning** (learning styles, +/- of Higher Education, choosing a university)
- **Employability** (Gap year, career path, equity in the workplace, role of women, importance of languages in a work context)
- **Culture** (Living and working abroad, traditions, customs and beliefs in other countries, literature, film and media of another country)

Candidates will demonstrate knowledge and understanding of skills to:

- understand, analyse and draw inferences from complex and sophisticated written from one of the following contexts: society, learning, employability, or culture
- identify and explain the overall purpose
- translate one section of the written text into English
- use complex and sophisticated written language in the modern language to write a discursive essay in response to a statement based on one of the contexts

Other important skills that will be assessed in the prelim exam:

Numeracy

2.1 Number processes: Number processes means solving problems arising in everyday life through carrying out calculations. In an MFL context this could be understanding percentages, fractions, and understanding these results.

Employability, Enterprise and Citizenship

4.6 Citizenship: Citizenship includes having concern for the environment and for others; being aware of rights and responsibilities; being aware of the democratic society; being outward looking towards society; being able to recognise one's personal role in this context; and being aware of global issues, understanding one's responsibilities within these, and acting responsibly.

Thinking Skills

5.3 Applying: Applying is the ability to use existing information to solve a problem in a different context, and to plan, organise and complete a task.

Where you can go for help/advice:

You can ask any Languages teacher (Mrs Kilgour, Mrs Ferguson, Mrs Campbell, Mrs Wisely) for help and advice, or you can come to any supported study sessions arranged:

French = Thursdays after school

Other resources you can use to study:

Prelim Exam Information Sheet November 2019

Your notes from lessons, grammar notes, vocabulary booklets, and listening booklets will all be useful for your revision. Please bring a USB stick to class for any additional resources and/or listening files.

BBC Bitesize is a good source of Higher level information, and grammar practice:

<https://www.bbc.co.uk/bitesize/subjects/zjg86sg>

SQA past-papers are an excellent tool to help practice your exam responses and timing:

<https://www.sqa.org.uk/pastpapers/findpastpaper.htm?subject=French&level=NAH>

Below are some websites you can use to read up to date French news articles. Take the time to read through these and note down any new vocabulary as this will help you with you reading and translation skills:

www.lemonde.fr

etc.

etc.

etc.

Specific advice for exam:

There will be 3 papers **(please note the Writing section of the exam will be done in class time, separate from the prelim timetable).**

Component 1: Question paper 1 Reading and Translation 50 marks.

Learners will read one written non-fiction text in the modern language. They will respond to questions about the written text in English. They will translate part of the text into English. 30 marks will be for identifying, explaining, analysing and drawing inferences from significant aspects of detail. 20 marks will be for translating part of the text into English. Learners may use a bi-lingual dictionary.

Component 2: Question paper 2 Listening and Discursive Writing 70 marks.

Section 1, titled 'Listening', will have 30 marks. Item 1: Learners will listen to one monologue in the modern language and respond to questions worth 10 marks. Item 2: Learners will listen to one conversation between two people in the modern language and respond to questions worth 20 marks. The questions for both Item 1 and Item 2 will be in English and learners will respond in English.

Section 2, titled 'Discursive Writing', will have 40 marks. Learners will write one essay using complex and sophisticated language in the modern language from one of the contexts. Learners may use a bi-lingual dictionary for both Section 1 and Section 2 of the question paper.

National 5 Geography Prelim Guidance



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION · HONESTY · RESPECT
FRIENDSHIP · TRUST · RESPONSIBILITY

Main areas of subject knowledge being covered:

-Glaciation

- Map Skills
- Formations (both erosional and depositional)
- Conflicts (problems, solutions and effectiveness)

-Urban

- Mapskills
- EMDC Glasgow
- ELCD Rio

(Note: You will need to know the problems, solutions and effectiveness for traffic issues, housing issues and have back ground knowledge on each area.)

-Population & Development

- Reasons for population density
- Factors affecting population density
- Push and pull factors
- Examples

-Climate Change

- Causes, solutions and effectiveness
- Both human and physical causes
- Examples

-Coasts

- Formations (both erosional and depositional)

Types of questions to prepare for:

- Describe
- Explain

- Discuss
- Problems, Solutions and Effectiveness
- Map skills
- Evaluate
- Compare
- Give reasons

Who can help you?

Both Mr Gilmour and Miss Semple are available to aid you in any way, whether it be advice, notes, marking work you have completed or at supported study sessions which will be made available to yourselves. No question is a silly question!

You will find revision notes on Show My Homework and can use resources such as the SQA website and BBC bite size to aid your revision.

Please make use of each and every sample answer we have taken in class as these will be useful for your prelim and future studies.

Higher Geography Prelim Guidance



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION · HONESTY · RESPECT
FRIENDSHIP · TRUST · RESPONSIBILITY

Main areas of subject knowledge being covered:

-Glaciation

- Map Skills
- Formations (both erosional and depositional)
- Conflicts (problems, solutions and effectiveness)

-Urban

- Mapskills
- EMDC Glasgow
- ELCD Rio

(Note: You will need to know the problems, solutions and effectiveness for traffic issues, housing issues and have back ground knowledge on each area.)

-Population & Development

- Reasons for population density
- Factors affecting population density
- Push and pull factors
- Examples

-Climate Change

- Causes, solutions and effectiveness
- Both human and physical causes
- Examples

-Soils

- Features of each soil type.
- Complete soil profiles.

Types of questions to prepare for:

- Describe

- Explain
- Discuss
- Problems, Solutions and Effectiveness
- Map skills
- Evaluate
- Compare
- Give reasons

Who can help you?

Both Mr Gilmour and Miss Semple are available to aid you in any way, whether it be advice, notes, marking work you have completed or at supported study sessions which will be made available to yourselves. No question is a silly question!

You will find revision notes on Show My Homework and can use resources such as the SQA website and BBC bite size to aid your revision.

Please make use of each and every sample answer we have taken in class as these will be useful for your prelim and future studies.

Advice for you exams

Read each question carefully, and ensure you are answering what is being asked of you and writing enough to gain the correct amount of marks.

Subject: N5 Graphic Communication



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION·HONESTY·RESPECT
FRIENDSHIP·TRUST·RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam will be:

KU1 : Graphic Types – 3P's

KU2: Manual techniques

KU3: Computer-aided techniques

KU4: Drawing standards, protocols and conventions

KU5: Geometric shapes and forms

KU6: Views and techniques

KU7: Layout elements and principles, colour theory and informational graphics

KU8: Computer-aided design (CAD)

KU9 : Desktop publishing (DTP)

KU10: Graphic communication technology: impact on society and the environment

Other important skills that will be assessed in the prelim exam:

Numeracy

2.2 Money, time and measurement Candidates use their understanding of time and measurement to solve problems and handle data in a variety of Graphical contexts.

Where you can go for help/advice:

You can ask Mr McGurk for help and advice, or you can come to any supported study sessions arranged: See the supported study calendar.

Other resources you can use to study:

There are notes and powerpoints available on Microsoft Teams as revision aids.

You can take home a copy of the course textbook for in-depth explanations of areas.

A useful website for all the Design and Technology subjects with home revision sections is:

<https://www.designclass.co.uk/>

Specific advice for exam:

There will be one paper:

Exam paper (2hrs)

SQA past-papers are an excellent tool to help practice your exam responses and timing. On the following link you will be able to find the specimen paper and the previous years past papers along with their marking schemes:

<https://www.sqa.org.uk/sqa/47459.html>

Timing yourself is a really useful way of practicing for your exams and making sure you develop the stamina and concentration needed for longer exams.

Subject: Higher Graphic Communication



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION·HONESTY·RESPECT
FRIENDSHIP·TRUST·RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam will be:

KU1 : Graphic Types – 3P's

KU2: Manual techniques

KU3: Computer-aided techniques

KU4: Drawing standards, protocols and conventions

KU5: Geometric shapes and forms

KU6: Views and techniques

KU7: Illustration techniques

KU8: Techniques used for producing effective promotional documents and publications

KU9 : Using technology in graphic communication

KU10: Computer-aided design (CAD)

KU11: Desktop publishing (DTP)

KU12: Graphic communication technology and society

Other important skills that will be assessed in the prelim exam:

Numeracy

2.2 Money, time and measurement Candidates use their understanding of time and measurement to solve problems and handle data in a variety of Graphical contexts.

Where you can go for help/advice:

You can ask Mr McGurk for help and advice, or you can come to any supported study sessions arranged: See the supported study calendar.

Other resources you can use to study:

There are notes and powerpoints available on Microsoft Teams as revision aids.

You can take home a copy of the course textbook for in-depth explanations of areas.

A useful website for all the Design and Technology subjects with home revision sections is:

<https://www.designclass.co.uk/>

Specific advice for exam:

There will be one paper:

Exam paper (2hrs 30 mins)

SQA past-papers are an excellent tool to help practice your exam responses and timing. On the following link you will be able to find the specimen paper and the previous years past papers along with their marking schemes:

<https://www.sqa.org.uk/sqa/47929.html>

Timing yourself is a really useful way of practicing for your exams and making sure you develop the stamina and concentration needed for longer exams.

Subject: History S4 National 5



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION·HONESTY·RESPECT
FRIENDSHIP·TRUST·RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam:

Hitler and Nazi Germany

1. Weimar Germany
2. Nazi Rise to power
3. Nazi control of Germany
4. Nazi social & economic policies

Changing Britain

1. Health & Housing
2. Industry – factories and coal mines
3. Transport – canals and railways
4. Pressure for democratic reform up to 1884

Other important skills that will be assessed in the prelim exam:

You will be assessed on all of the question types below.

Knowledge questions (these rely on your knowledge alone and do not use historical sources)

Describe

Explain

9 Mark Question

Skills Questions (these will be a combination of working with sources and your own knowledge)

How Fully

Compare

Evaluate the Usefulness

Where you can go for help/advice:

Mrs Robertson, Mrs Cullen and Miss Montgomery are all available to give you help or mark any revision or practice questions at any time. Supported Study sessions will also be running. There is a calendar for these sessions and each one will target a specific question/area so you can pick which will be most helpful!

Other resources you can use to study:

The following places online are also good for help and advice.

<https://www.bbc.co.uk/bitesize/levels/z6gw2hv>

This website provides helpful quizzes to test your knowledge of each section of the topics.

<https://www.sqa.org.uk/sqa/47447.html>

The SQA National 5 section is an excellent place for revision materials. You will be able to access marking schemes and past papers.

Specific advice for exam:

Your exam will be split into 2 sections. One on Hitler and Nazi Germany and one on Changing Britain. There will be a variety of questions in each section.

Practicing timed questions at home will help in your preparation for sitting your prelim.

Subject: History S5/6 National 5



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION·HONESTY·RESPECT
FRIENDSHIP·TRUST·RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam:

The Making of Modern Britain

1. Divided Society
2. The Liberal Reforms, 1906-1914
3. Social Impact of WW2 in Britain
4. Labour Reforms: the Welfare State. 1945-51

Migration & Empire

1. Immigration to Scotland, 1830s-1939
2. Experience of immigrants to Scotland, 1830s-1939
3. Scottish emigration, 1830s-1939
4. Experience of Scots abroad, 1830s-1939

Other important skills that will be assessed in the prelim exam:

You will be assessed on all of the question types below.

Knowledge questions (these rely on your knowledge alone and do not use historical sources)

Describe

Explain

9 Mark Question

Skills Questions (these will be a combination of working with sources and your own knowledge)

How Fully

Compare

Evaluate the Usefulness

Where you can go for help/advice:

Mrs Robertson, Mrs Cullen and Miss Montgomery are all available to give you help or mark any revision or practice questions at any time. Supported Study sessions will also be running. There is a calendar for these sessions and each one will target a specific question/area so you can pick which will be most helpful!

Other resources you can use to study:

The following places online are also good for help and advice.

<https://www.bbc.co.uk/bitesize/levels/z6gw2hv>

This website provides helpful quizzes to test your knowledge of each section of the topics.

<https://www.sqa.org.uk/sqa/47447.html>

The SQA National 5 section is an excellent place for revision materials. You will be able to access marking schemes and past papers.

Specific advice for exam:

Your exam will be split into 2 sections. One on The Making of Modern Britain and one on Migration and Empire. There will be a variety of questions in each section.

Practicing timed questions at home will help in your preparation for sitting your prelim.

Subject: History Higher



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION·HONESTY·RESPECT
FRIENDSHIP·TRUST·RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam:

Britain, 1851-1951

1. An assessment of how democratic Britain became, 1867-1928.
2. An evaluation of the reasons why the Liberals introduced social welfare reforms, 1906-1914.
3. An assessment of the effectiveness of the Liberal social welfare reforms.
4. An assessment of the effectiveness of the Labour social welfare reforms, 1945-1951.

Migration & Empire

1. Immigration to Scotland, 1830s-1939
2. Experience of immigrants to Scotland, 1830s-1939
3. Scottish emigration, 1830s-1939
4. Experience of Scots abroad, 1830s-1939

Other important skills that will be assessed in the prelim exam:

You will be assessed on both your essay writing skills and source skills. They will come under the following topics.

Britain, 1851-1951

This will be your essay writing section. You will be required to write one essay worth 22 marks. You must remember all the key factors in an essay.

Introduction: *Context, Signposts Line of Argument*

Main Paragraphs: *Topic sentences, Knowledge (x2), Balanced Analysis (x2), Evaluation*

Conclusion: *A balanced relative judgement, addressing the factors and your argument*

Migration & Empire

This section will assess your source skills. You will have 4 questions in total, one of each of the types below.

Explain (8 marks)

How fully (10 marks)

Two source (10 marks)

Evaluate the use (8 marks)

Where you can go for help/advice:

Mrs Robertson and Mrs Cullen are all available to give you help or mark any revision or practice questions at any time. Supported Study sessions will also be running. There is a calendar for these sessions and each one will target a specific question/area so you can pick which will be most helpful!

Other resources you can use to study:

The following places online are also good for help and advice.

<https://www.bbc.co.uk/bitesize/subjects/zxpfb9q>

This website provides helpful quizzes to test your knowledge of each section of the topics.

<https://www.sqa.org.uk/sqa/47447.html>

The SQA Higher section is an excellent place for revision materials. You will be able to access marking schemes and past papers.

Specific advice for exam:

Your exam will be split into 2 sections. You will need to write an essay on Britain, 1851-1951 and answer source questions on Migration and Empire.

Practicing timed questions and essays at home will help in your preparation for sitting your prelim.



Key areas of subject knowledge that will be assessed in the prelim exam:

Unit 1: Democracy in Scotland and the United Kingdom – Democracy in the UK **3 KU Questions**

Unit 2: Social Issues – Social Inequality **3 KU Questions**

Other important skills that will be assessed in the prelim exam:

Enquiry Skills:

Conclusions Questions

Support and Oppose Question

Where you can go for help/advice:

Show My Homework for Revision Materials

Revision Materials that have been handed out in class

Supported Study (see timetable) – Tuesday after school.

Other resources you can use to study:

BBC Bitesize

Specific advice for exam:

Be working on timed practice at home as part of your revision to allow you to stick to your timings in the prelim/exam. Do not spend too long on certain questions – split your time equally.

Read the instructions carefully.



Key areas of subject knowledge that will be assessed in the prelim exam:

Paper 1 Essays

Paper 2 Skills

Paper 1:

Unit 1: Democracy in Scotland and the United Kingdom **20 mark essay (choice of 3)**

Unit 2: Social Issues – Social Inequality **20 mark essay (choice of 2)**

Other important skills that will be assessed in the prelim exam:

Paper 2

Enquiry Skills:

Conclusions Question

Objectivity Question

Reliability Question

Where you can go for help/advice:

Show My Homework for Revision Materials

Revision Materials that have been handed out in class

Supported Study (see timetable) – Thursday after school.

Other resources you can use to study:

BBC Bitesize

Specific advice for exam:

Be working on timed practice at home as part of your revision to allow you to stick to your timings in the prelim/exam. Do not spend too long on certain questions – split your time equally.

Read the instructions carefully.

Subject: Music (Advanced Higher)



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION · HONESTY · RESPECT
FRIENDSHIP · TRUST · RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam:

Understanding Music: All concepts and all question types.

Composition: Completed piece (score and audio) and review.

Performance: Full programme. (18 mins over two instruments)

Where you can go for help/advice:

Supported study on Thursday after school for Understanding Music and Composition.

Staff are available for performance support at lunch and after school – book a slot.

Other resources you can use to study:

- Teams
- <http://www.ataea.co.uk/>

Specific advice for exam:

Performing: Timetable will be displayed in Music. Arrive the period before your exam. Bring your music, instrument and any accessories you may need.

Composition: Submit your composition via Teams by the 25th November. You must include an electronic copy of the audio, a score and a review.

Subject: Music (Higher)



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION·HONESTY·RESPECT
FRIENDSHIP·TRUST·RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam:

Understanding Music: All concepts and all question types.

Composition: Completed piece (score and audio) and review.

Performance: Full programme. (12 mins over two instruments)

Where you can go for help/advice:

Supported study on Thursday after school for Understanding Music and Composition.

Staff are available for performance support at lunch and after school – book a slot.

Other resources you can use to study:

- Teams
- <http://www.ataea.co.uk/>

Specific advice for exam:

Performing: Timetable will be displayed in Music. Arrive the period before your exam. Bring your music, instrument and any accessories you may need.

Composition: Submit your composition via Teams by the 25th November. You must include an electronic copy of the audio, a score and a review.

Subject: Music (N5)



**JOHNSTONE
HIGH SCHOOL**

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Key areas of subject knowledge that will be assessed in the prelim exam:

Understanding Music: All concepts and all question types.

Composition: Completed piece (score and audio) and review.

Performance: Full programme. (8 mins over two instruments)

Where you can go for help/advice:

Supported study on Thursday after school for Understanding Music and Composition.

Staff are available for performance support at lunch and after school – book a slot.

Other resources you can use to study:

- Teams
- <http://www.ataea.co.uk/>

Specific advice for exam:

Performing: Timetable will be displayed in Music. Arrive the period before your exam. Bring your music, instrument and any accessories you may need.

Composition: Submit your composition via Teams by the 25th November. You must include an electronic copy of the audio, a score and a review.

Subject: Music Tech (N5)



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Key areas of subject knowledge that will be assessed in the prelim exam:

Understanding 20th and 21st Music: All concepts and all question types.

Project: Audio book and session log.

Where you can go for help/advice:

Supported study on Thursday after school for Understanding Music.

Staff are available for performance support at lunch and after school – book a slot.

Other resources you can use to study:

- Teams
- <http://www.ataea.co.uk/>

Specific advice for exam:

Project: Submit this via Teams. You should include a bounced wav. or mp3 file and PowerPoint session log to support it.

Subject: National 5 Maths



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Key areas of subject knowledge that will be assessed in the prelim exam:

- **Brackets** (multiplying out 3 brackets, equations with brackets)
- **Factorising** (common factor, difference 2 squares, trinomials)
- **Simultaneous Equations** (basic, forming 2 equations from words and solving, graphically)
- **Changing the subject of the formula**
- **Straight Line** (rearranging to pick out relevant information, using $y = mx + c$ and $y - b = m(x - a)$).
- **Completing the square**
- **Curve sketching or interpretation** (min or max turning point, equation of line of symmetry, where graph cuts y-axis). Includes quadratic formula.
- **Statistics** (mean, median, box plots, standard deviation, scatter graphs)
- **Volume** (to calculate the volume of simple and composite shapes and to work backwards to find a length)
- **Trigonometry** (to find angles and lengths using formula included in the formula sheet. Includes context questions and area of a triangle)

Other important skills that will be assessed in the prelim exam:

Basic Numerical Skills

- Fractions, decimal fractions
- Percentages
- Negative numbers
- Area, Perimeter
- Algebra
- Angles (knowledge of complimentary, supplementary and parallel lines etc.)

Analysing

- Recognising which rule to use in a given problem
- Ability to develop sketches and diagrams
- To interpret words/pictures into equations and expressions

Where you can go for help/advice:

Supported study on Wednesday after school, although this may vary as required with the school timetable, teacher/pupil availability etc.

Staff are available for support every lunchtime.

Maths digital library on glow.

Notes jotters.

Other resources you can use to study:

- Rigour Maths (username: JHSMaths@cdmasterworks.co.uk, password: Maths123) (Really good for step by step video instruction on everything including ALL past papers)
- freenational5maths.co.uk (Really good for lots of questions, practice prelims and papers)
- Maths revision. Com
- Past paper booklets (see your teacher as to which questions you should tackle)
- SQA past papers and marking review

Specific advice for exam:

Be sure to have a calculator (the one you have used in class) for paper 2.

Formula sheets are part of the exam paper. Make sure review them beforehand and be sure to use them!

Subject: Higher Maths



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION · HONESTY · RESPECT
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Key areas of subject knowledge that will be assessed in the prelim exam:

- **Polynomials** (*Factorising polynomials, Finding unknown values in polynomials, Points of intersection 2*)
- **Quadratics (Discriminant)** (*Determining the equation of a quadratic/cubic, Completing the square, Quadratic inequalities, The Discriminant, Points of intersection 3*)
- **Straight Line** (*gradient, equation, distance formulae, midpoint, Parallel and perpendicular, median, altitude, perpendicular bisector, collinearity, points of intersection*)
- **Functions** (*Domain and Range, Composite Functions, Inverse Functions, Graph Transformations*)
- **Differentiation** (*Learning to differentiate, Rate of change, Tangent to curve, Increasing/decreasing functions, Stationary points/curve sketching, Graph of derivative*)
- **Recurrence Relations** (*Calculating missing terms, Finding the limit, Finding the values of a and b, Recurrence relations in context*)
- **Trig** (*Trigonometric formulae, Solving trig equations, Trig identities*)
- **Vectors** (*Vectors introduction, Collinearity and ratio, Scalar product Calculating the angle between 2 vectors*)

Other important skills that will be assessed in the prelim exam:

Polynomials N5 Prior Knowledge

- Multiplying out brackets
- Factorising expressions
- Solving equations
- Solving quadratic equations

Quadratics N5 Prior Knowledge

- Multiplying out brackets
- Factorising expressions
- Completing the square
- Solving equations and inequalities
- Identifying features on quadratic graphs
- Solving quadratic equations
- Calculating the discriminant

Straight Line N5 Prior Knowledge

- Calculating the gradient of a straight line
- Rearranging an equation to find the gradient and y-intercept
- Calculating the equation of a straight line
- Solving equations
- Pythagoras' Theorem

Functions N5 Prior Knowledge

- Use of functional notation
- Changing the subject of the formula
- Multiplying out brackets
- Factorising expressions

Differentiation N5 Prior Knowledge

- Laws of indices
- Multiplying out brackets
- Factorising expressions
- Adding, subtracting and multiplying fractions

Recurrence Relations N4/ N5 Prior Knowledge

- Writing a formula to describe a number pattern
- Using a formula to make related calculations
- Finding the nth term
- Appreciation
- Depreciation
- Simultaneous Equations

Trig N5 Prior Knowledge

- Trig Graphs
- Trig Equations
- Trig Identities

Vector Prior Knowledge

- Vector calculations
- Calculating the magnitude of a vector
- 3D Coordinates
- Vector journeys

Where you can go for help/advice:

Supported study

Staff are available for support at lunch and after school

Maths digital library on glow

Other resources you can use to study:

- Rigour Maths (Tutorials on all aspects of Higher and N5, all past paper questions and solutions on video) Rigour Maths (username: JHSMaths@cdmasterworks.co.uk, password: Maths123) Really good for step by step guidance on all topics and past paper questions
- highermathematics.co.uk (practice prelims, tests, papers really good for all questions on a sheet)
- [Maths revision.com](http://Mathsrevision.com)
- HSN.UK.NET (Great maths revision notes and examples)
- SQA (past papers, markers report)

Specific advice for exam:

Paper 1: This is a non- calculator paper. Show all working and read the questions fully.

Paper 2: Calculator paper. As above.

Subject: Advanced Higher Maths



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Key areas of subject knowledge that will be assessed in the prelim exam:

- Partial Fractions
- Binomial Theorem
- Differentiation using product, quotient and chain rule.
- Implicit Differentiation
- Parametric Differentiation
- Related Rates
- Special Functions odd, even and modulus where graph cuts y-axis)
- Rectilinear Motion (Acceleration, Velocity & Displacement)
- Arithmetic & Geometric Sequences & Series
- Maclaurin Series
- Complex Numbers

Other important skills that will be assessed in the prelim exam:

- Knowledge of National 5 and Higher formulae and methods

Where you can go for help/advice:

Mr Edgar/Mr Dickie at lunchtimes or before school.

Notes supplied in class

Maths digital library on glow

Other resources you can use to study:

- advancedhighermathematics.co.uk
- [Maths revision. com](http://Mathsrevision.com)
- Maths Digital Library

Specific advice for exam:

New format this year. Paper 1 non calculator 1 hour 35 marks. Paper 2 calculator 2.5 hours 80 marks

Subject: Higher PE



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HIGH SCHOOL**

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Key areas of subject knowledge that will be assessed in the prelim exam:

See mandatory content list in your booklets for more detail of the following

- Factors Impacting on Performance - Social factor, physical factor and emotional factor
- Methods of collecting information to analyse factors impacting on performance – model performers, analytical tools, recognised tests, appropriateness of methods, feedback.
- Key planning information – purpose of PDPs, identification of strengths and areas for development, goal/target setting
- Performance development process – approaches, production and implementation of PDPs
- Recording, monitoring and evaluating performance development – purpose of recording, monitoring and evaluating, methods used, adapting PDPs, evaluation of the performance development process, future PDPs

Other important skills that will be assessed in the prelim exam:

Command words: Identify, Describe, Explain, Analyse, Evaluate

Distinguishing between different types of information and being able to interpret this information – quantitative, qualitative, subjective and objective.

Where you can go for help/advice:

Mr Merriman/Mr Stevenson

Other resources you can use to study:

Higher PE booklet

SATPE website – student notes <https://www.satpe.co.uk/category/pupil-notes/>

Specific advice for exam:

Highlight the command word and key words for each question before you attempt an answer.

There are three sections:

Section 1: General section

Section 2: PDPs

Section 3: Scenario

Subject: Higher Photography

Mr McGregor



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION·HONESTY·RESPECT
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Key areas of subject knowledge that will be assessed in the prelim exam:

Composition, Camera Exposure, Genre and Style, Camera settings and orientation, Using equipment, Lighting, Photo processes, Effect of applied techniques, Resolution and output.

Other important skills that will be assessed in the prelim exam:

Recognising Creative decision making

Interpretation and analysis

Where you can go for help/advice:

Teacher 'cheat sheets' hand out

Knowledge acquired in project jotters,

Course printouts

Teacher...anytime (or email me) gw07mcgregoreuan@glow.sch.uk

.

Other resources you can use to study:

Youtube links on appropriate videos.

BBC bitesize/ photography

Specific advice for exam:

The written Prelim is weighted a third for knowledge based understanding and two thirds for analysis, so read back over all homework analysis that has been set regarding description and interpretation of photographs.

Subject: N5 Physics



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION · HONESTY · RESPECT
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Key areas of subject knowledge that will be assessed in the prelim exam will be:

Unit 1: Dynamics and Space

KA1 : Vectors and Scalars

KA2: Velocity time graphs

KA3: Acceleration

KA4: Newton's Laws

KA5: Energy

KA6: Projectile motion

KA7: Space exploration

KA8: Cosmology

Unit 2: Waves and Radiation

KA1: Wave parameters and behaviours

KA2: Electromagnetic spectrum

KA3: Refraction of light

KA4: Nuclear radiation

KA5: Dosimetry

Other important skills that will be assessed in the prelim exam:

Numeracy

2.1 Number processes: Number processes means solving problems arising in everyday life through carrying out calculations, making informed decisions based on the results of these calculations and understanding these results. In Physics contexts, candidates carry out calculations with data and results from experiments/investigations and everyday class work.

2.2 Money, time and measurement: Candidates use their understanding of time and measurement to solve problems and handle data in a variety of Physics contexts, including practical and investigative.

2.3 Information handling: In this course, information handling means being able to interpret Scientific data in tables, charts and other graphical displays to draw sensible conclusions throughout the course. It involves interpreting the data and considering its reliability in making reasoned deductions and informed decision

Thinking skills:

5.3 Applying: Using your knowledge of Physics and applying this to solve problems in unfamiliar contexts.

5.4 Analysing and evaluating: Interpreting information presented in a variety of formats and drawing conclusions from this.

Where you can go for help/advice:

You can ask any Physics teacher (Mr McKenzie, Mr Fulton or Mr Glen) for help and advice, or you can come to any supported study sessions arranged: See the supported study calendar.

Other resources you can use to study:

All power-points used in lessons are available on show my homework.

You will be issued a checklist of all learning outcomes for the topics covered in the prelim exam, make sure you read through all of these and study any area you are unsure of.

Your notes from lessons and experimental notes from practical experiments will help you identify variables and scientific methods which may be asked about in the exam paper.

BBC Bitesize N5 Physics is a good source of information and practice tests:

<https://www.bbc.co.uk/bitesize/subjects/z6fsgk7>

Specific advice for exam:

There will be one paper in two sections (2hr 30min):

Section 1: Multiple Choice (25 marks)

Section 2: Question Paper (110 marks)

SQA past-papers are an excellent tool to help practice your exam responses and timing:

<https://www.sqa.org.uk/pastpapers/findpastpaper.htm?subject=Physics&level=N5>

Timing yourself is a really useful way of practicing for your exams and making sure you develop the stamina and concentration needed for longer exams.

Before the exam it is also useful to ensure that you are familiar with the units, prefixes and scientific notation used in the paper. The relationship sheet can be found here:

https://www.sqa.org.uk/sqa/files_ccc/PhysicsSQPN5RelationSheet.pdf

It is useful to go over the relationship sheet and ensure you can identify all of the symbols and state the relevant units of measurement.

Subject: Higher Physics



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION·HONESTY·RESPECT
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Key areas of subject knowledge that will be assessed in the prelim exam will be:

Unit 1: Our Dynamic Universe

KA1 : Motion – Equations and Graphs
KA2: Forces, Energy and Power
KA3: Collisions, Explosions and Impulse
KA4: Gravitation
KA5: Special Relativity
KA6: The expanding Universe

Unit 2: Particles and Waves

KA1: Forces on charged particles
KA2: The standard model
KA3: Nuclear reactions
KA4: Inverse square law
KA5: Wave particle duality
KA6: Interference, Spectra and Refraction

Other important skills that will be assessed in the prelim exam:

Literacy:

1.2 Writing

Numeracy

2.1 Number processes: Number processes means solving problems arising in everyday life through carrying out calculations, making informed decisions based on the results of these calculations and understanding these results. In Physics contexts, candidates carry out calculations with data and results from experiments/investigations and everyday class work.

2.2 Money, time and measurement: Candidates use their understanding of time and measurement to solve problems and handle data in a variety of Physics contexts, including practical and investigative.

2.3 Information handling: In this course, information handling means being able to interpret Scientific data in tables, charts and other graphical displays to draw sensible conclusions throughout the course. It involves interpreting the data and considering its reliability in making reasoned deductions and informed decision

Thinking skills:

5.3 Applying: Using your knowledge of Physics and applying this to solve problems in unfamiliar contexts.

5.4 Analysing and evaluating: Interpreting information presented in a variety of formats and drawing conclusions from this.

5.5 Creating: Making use of higher order thinking skills to solve problems in unfamiliar contexts.

Where you can go for help/advice:

You can ask any Physics teacher (Mr McKenzie, Mr Fulton or Mr Glen) for help and advice, or you can come to any supported study sessions arranged: See the supported study calendar.

Other resources you can use to study:

All power-points used in lessons are available on show my homework.

You will be issued a checklist of all learning outcomes for the topics covered in the prelim exam, make sure you read through all of these and study any area you are unsure of.

Your notes from lessons and experimental notes from practical experiments will help you identify variables and scientific methods which may be asked about in the exam paper.

BBC Bitesize Higher Physics is a good source of information and practice tests:

<https://www.bbc.co.uk/bitesize/subjects/zpyb4wx>

Specific advice for exam:

There will be one paper in two sections (2hr 30min):

Section 1: Multiple Choice (25 marks)

Section 2: Question Paper (110 marks)

SQA past-papers are an excellent tool to help practice your exam responses and timing:

<https://www.sqa.org.uk/pastpapers/findpastpaper.htm?subject=Physics&level=NH>

Timing yourself is a really useful way of practicing for your exams and making sure you develop the stamina and concentration needed for longer exams.

Before the exam it is also useful to ensure that you are familiar with the units, prefixes and scientific notation used in the paper. The relationship sheet can be found here:

https://www.sqa.org.uk/sqa/files_ccc/H_SQP_Physics-Relationships-DQP.pdf

It is useful to go over the relationship sheet and ensure you can identify all of the symbols and state the relevant units of measurement.

Subject: Higher Politics



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION·HONESTY·RESPECT
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Key areas of subject knowledge that will be assessed in the prelim exam:

Paper 1 Essays

Paper 2 Skills

Paper 1:

Unit 1: Political Theories **20 mark essay (choice of 2)**

Unit 2: Political Systems **20 mark essay (choice of 2)**

Other important skills that will be assessed in the prelim exam:

Paper 2

Enquiry Skills:

Comparison Question

Electoral Data Question

Where you can go for help/advice:

Show My Homework for Revision Materials

Revision Materials that have been handed out in class

Supported Study (see timetable) – Thursday after school.

Other resources you can use to study:

Class textbooks

Specific advice for exam:

Be working on timed practice at home as part of your revision to allow you to stick to your timings in the prelim/exam. Do not spend too long on certain questions – split your time equally.

Read the instructions carefully.

Subject: Nat 5 Practical Cake Craft



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION·HONESTY·RESPECT
FRIENDSHIP·TRUST·RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam:

- Describe how to line cake tins eg. Swiss Roll Tin, Victoria Sandwich Tin, Deep Round Cake Tin
- Functional properties of ingredients eg. SR Flour, Caster Sugar, Baking Powder, Eggs, Fat etc.
- Explain the checks made to cake mixtures to ensure the correct consistency.
- How to test if a cake is ready.
- Faults in Cake Making.
- Preparation of Apricot Jam as an adhesive and why this is used.
- Information on use of Marzipan, Sugarpaste, Royal Icing as coatings for cakes.
- How to prepare Marzipan / Sugarpaste to coat a cake.
- How to colour Sugarpaste.
- How to apply Buttercream, Chocolate etc. to a Cake as a Coating.
- Plan of work for Baking and Finishing of Cakes.
- Storage of Cakes eg. Victoria Sponge Cake, Madeira Cake, Rich Fruit Cake etc.
- Finishing Decoration Techniques eg. crimping, piping, embossing, texturing, modelling and use of commercial cutters.

Other important skills that will be assessed in the prelim exam:

- Ability to evaluate a given plan of work for a particular type of cake.
- Ability to describe how to carry out various processes and techniques in the baking, filling and coating of different cakes.

Where you can go for help/advice:

- Ask Miss Purves for help and advice or come along to any supported study sessions arranged.

Other resources you can use to study:

- Practical Cake Craft Information Book / Recipe Book.
- Your completed Practical Cake Craft Work Book and any notes you have taken from power points during the lessons and are in your jotter.
- SQA Website Past Papers.
- Marked homework questions.
- You Tube clips on Cake Making and Finishing Techniques.

Specific advice for exam:

- 1 x 45 minute written exam paper
- Answer the questions in any order you like. Answer the questions you know the answers to first.
- When answering the questions picture yourself carrying out each practical task in class when baking or finishing each cake.

Subject: National 5 Practical Cookery



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HIGH SCHOOL**

DETERMINATION · HONESTY · RESPECT
FRIENDSHIP · TRUST · RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam:

- Time Plan
- Equipment Lists for 3 recipes
- Service Details – annotated drawings
- Costing
- Ingredient Knowledge
- Storage Details of Ingredients
- SDG – Current Healthy Eating Advice
- Practical & Organisational Skills

Other important skills that will be assessed in the prelim exam:

- Exam question answering techniques. Candidates must answer 'evaluation' questions in a specific manner to ensure full allocation of marks. Fact / Opinion / Consequence linked back to question.

Where you can go for help/advice:

- Prelim Information pack – Issued by Home Economics Department
- National 5 Hospitality Course Book
- Contact Home Economics Staff :- Miss Purves, Mrs Barry, Mrs Carlin
- Refer to notes in pupil's jotter, course handouts and workbooks

Other resources you can use to study:

- **SQA website Past Papers**
- **Exam Revision Packs – Issued by Home Economics Department**

Specific advice for exam:

There are 3 elements to the national 5 Practical Cookery Exam:-

1 Hour written SQA exam question paper

Assignment:- Which includes a Time Plan, Service Details & Equipment List

Practical Exam:- Prepare 3 Courses in 2 Hours 30 Minutes

- Practise answering exam style questions under timed conditions
- Practise cooking similar recipes at home, under timed conditions
- Read notes in jotters and course booklets
- Practise completing a time plan, service details pictures and equipment lists under timed conditions – Time allowed 1 hour 40 minutes.

Subject: N5 Practical Metalworking



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION · HONESTY · RESPECT
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Key areas of subject knowledge that will be assessed in the prelim exam will be:

KU1 : Measuring and marking out

KU2: Reading and interpreting drawings and documents

KU3: Materials

KU4: Bench work

KU5: Sheet metal tools and machines

KU6: Machine Processes

KU7: Machine tools

KU8: Finishing

KU9 : Safe working practices

KU10: Fabrication and thermal joining

KU11: Sustainability and recycling

Other important skills that will be assessed in the prelim exam:

Numeracy

2.2 Money, time and measurement Candidates use their understanding of time and measurement to complete cutting lists, identify/calculate sizes and interpret drawings.

Where you can go for help/advice:

You can ask Mr McGurk for help and advice, or you can come to any supported study sessions arranged: See the supported study calendar.

Other resources you can use to study:

There are notes and powerpoints available on Microsoft Teams as revision aids.

Specific advice for exam:

There will be one paper:

Exam paper (1hr)

SQA past-papers are an excellent tool to help practice your exam responses and timing. On the following link you will be able to find the specimen paper and the previous years past papers along with their marking schemes:

<https://www.sqa.org.uk/sqa/47461.html>

Timing yourself is a really useful way of practicing for your exams and making sure you develop the stamina and concentration needed for longer exams.

Subject: N5 Practical Woodworking



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION·HONESTY·RESPECT
FRIENDSHIP·TRUST·RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam will be:

KU1 : Measuring and marking out

KU2: Reading and interpreting drawings and documents

KU3: Materials

KU4: Bench work

KU5: Cramping

KU6: Flat-frame jointing techniques

KU7: Carcase construction

KU8: Mechanical fixings and adhesives

KU9 : Safe use of machines and power tools

KU10: Surface preparation and finishing

KU11: Safe working practices

KU12: Sustainability and recycling

Other important skills that will be assessed in the prelim exam:

Numeracy

2.2 Money, time and measurement Candidates use their understanding of time and measurement to complete cutting lists, identify/calculate sizes and interpret drawings.

Where you can go for help/advice:

You can ask any Design and Technology Teacher (Mr Johnstone, Mr Scholefield, Mr McGurk, and Mr Brown) for help and advice, or you can come to any supported study sessions arranged: See the supported study calendar.

Other resources you can use to study:

There are notes and powerpoints available on Microsoft Teams as revision aids.

A useful website for all the Design and Technology subjects with home revision sections is:

<https://www.designclass.co.uk/>

Specific advice for exam:

There will be one paper:

Exam paper (1hr)

SQA past-papers are an excellent tool to help practice your exam responses and timing. On the following link you will be able to find the specimen paper and the previous years past papers along with their marking schemes:

<https://www.sqa.org.uk/sqa/47462.html>

Timing yourself is a really useful way of practicing for your exams and making sure you develop the stamina and concentration needed for longer exams.

Subject: Higher Psychology



**JOHNSTONE
HIGH SCHOOL**

DETERMINATION · HONESTY · RESPECT
FRIENDSHIP · TRUST · RESPONSIBILITY

Key areas of subject knowledge that will be assessed in the prelim exam will be:

Individual Behaviour Unit

Sleep and Dreams:

- **The Biological Approach** to “Sleep and Dreams” including: the role of the brain, circadian rhythms, REM & NREM, factors that affect sleep, Restoration Theory and the key study Dement and Kletman (1957).
- **The Cognitive Approach** to sleep and dreams including: how we sleep to facilitate information processing, Reorganizational Theory and the key study Czesler (1990).
- **The Psychodynamic Approach** to sleep and dreams including: Manifest and Latent Content of dreams and defence mechanisms.

Social Behaviour Unit

Conformity and Obedience:

- **Conformity** includes: types of conformity and social influence, individual factors such as gender, situational factors such as group size, cultural factors such as collectivist vs individualistic and the key study Mori and Arai (2010).
- **Obedience** includes: Perceived Legitimate Authority, socialisation, authoritarian parenting, the Agentic shift, factors that affect obedience and the key study Milgram (1963).

Aggression:

- **The Biological Approach** to aggression including: hormones, neurotransmitters, genetics including the MAOA gene and the key study Raine et al (1997).
- **The Social Approach** to aggression including: Social Learning Theory, aggression in prisons including the Importation Model and Deprivation Model and dysfunctional institutions such as the Stanford Prison Experiment.
- **Media Influences** of aggression including: Cognitive Priming, Disinhibition and the key study of Dillon and Bushman (2017).

Other important skills that will be assessed in the prelim exam:

	Literacy		Numeracy
1.2	Writing	2.3	Information handling
	Health and wellbeing		Thinking skills
3.1	Personal learning	5.3	Applying
		5.4	Analysing and evaluating

Where you can go for help/advice:

You can ask Mr Smith in Psychology for help and advice, or you can come to any supported study sessions arranged: See the supported study calendar.

Other resources you can use to study:

Course booklets are issued to all pupils, the booklet is your own copy to complete included activities, revise or annotate. In each booklet there is a checklist of all learning outcomes for the topics covered in the prelim and final exam, make sure you read through all of these and study any area you are unsure of.

Your notes from lessons will help you identify psychological concepts, theories and studies which tend to be the more substantial areas of the exam.

The website <https://www.tutor2u.net/psychology> is an excellent resource for revising psychology. Although it is designed specifically for the English school curriculum, there are a lot of areas that overlap with the SQA exam.

The Leckie and Leckie textbook "Higher Psychology: Practise and Pass" is an excellent 3-in-1 style textbook filled with a revision guide, practice questions and practice exams. Copies of this can be found in the school library or purchased from retailers.

Specific advice for exam:

There will be one single paper with two sections:

Section 1: Individual Behaviour (20 marks for Sleep and Dreams / 20 marks for *Stress**)

Section 2: Social Behaviour (20 marks for Conformity and Obedience and 20 marks for Aggression)

* not covered prior to the prelim.

In the final exam you will have 2 hours and 40mins to complete four topics. This gives you 40mins per topic. In the prelim, as this is your first Psychology exam, you will be given the same amount of time (2hours 40mins) to do three topics, meaning you have just over 50 minutes per topic.

SQA specimen paper and past-papers are an excellent tool to help revise your exam responses and timing, they can be located via:

<https://www.sqa.org.uk/pastpapers/findpastpaper.htm?subject=Psychology> or
in the Psychology classroom.