Year 10
Final Examination

Timetable
Study Guide

Term 4, Week 6

Tuesday 10th November to Friday 13th November 2015
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## Glossary of Key Words

<table>
<thead>
<tr>
<th>Account</th>
<th>Account for: state reasons for, report on. Give an account of: narrate a series of events or transactions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analyse</td>
<td>Identify components and the relationship between them; draw out and relate implications</td>
</tr>
<tr>
<td>Apply</td>
<td>Use, utilise, employ in a particular situation</td>
</tr>
<tr>
<td>Appreciate</td>
<td>Make a judgement about the value of</td>
</tr>
<tr>
<td>Assess</td>
<td>Make a judgment of value, quality, outcomes, results or size</td>
</tr>
<tr>
<td>Calculate</td>
<td>Ascertain/determine from given facts, figures or information</td>
</tr>
<tr>
<td>Clarify</td>
<td>Make clear or plain</td>
</tr>
<tr>
<td>Classify</td>
<td>Arrange or include in classes/categories</td>
</tr>
<tr>
<td>Compare</td>
<td>Show how things are similar or different</td>
</tr>
<tr>
<td>Construct</td>
<td>Make; build; put together items or arguments</td>
</tr>
<tr>
<td>Critically (analysis/evaluate)</td>
<td>Add a degree or level of accuracy depth, knowledge and understanding, logic, questioning, reflection and quality to (analyse/evaluation)</td>
</tr>
<tr>
<td>Deduce</td>
<td>Draw conclusions</td>
</tr>
<tr>
<td>Define</td>
<td>State meaning and identify essential qualities</td>
</tr>
<tr>
<td>Demonstrate</td>
<td>Show by example</td>
</tr>
<tr>
<td>Describe</td>
<td>Provide characteristics and features</td>
</tr>
<tr>
<td>Discuss</td>
<td>Identify issues and provide points for and/or against</td>
</tr>
<tr>
<td>Distinguish</td>
<td>Recognise or note/indicate as being distinct or different from; to note differences between</td>
</tr>
<tr>
<td>Evaluate</td>
<td>Make a judgement based on criteria; determine the value of</td>
</tr>
<tr>
<td>Examine</td>
<td>Inquire into</td>
</tr>
<tr>
<td>Explain</td>
<td>Relate cause and effect; make the relationships between things evident; provide why and/or how</td>
</tr>
<tr>
<td>Extract</td>
<td>Choose relevant and/or appropriate details</td>
</tr>
<tr>
<td>Extrapolate</td>
<td>Infer from what is known</td>
</tr>
<tr>
<td>Identify</td>
<td>Recognise and name</td>
</tr>
<tr>
<td>Interpret</td>
<td>Draw meaning from</td>
</tr>
<tr>
<td>Investigate</td>
<td>Plan, inquire into and draw conclusions about</td>
</tr>
<tr>
<td>Justify</td>
<td>Support an argument or conclusion</td>
</tr>
<tr>
<td>Outline</td>
<td>Sketch in general terms; indicate the main features of</td>
</tr>
<tr>
<td>Predict</td>
<td>Suggest what may happen based on available information</td>
</tr>
<tr>
<td>Propose</td>
<td>Put forward (for example a point of view, idea, argument, suggestion) for consideration or action</td>
</tr>
<tr>
<td>Recall</td>
<td>Present remembered ideas, facts or experiences</td>
</tr>
<tr>
<td>Recommend</td>
<td>Provide reasons in favour</td>
</tr>
<tr>
<td>Recount</td>
<td>Retell a series of events</td>
</tr>
<tr>
<td>Summarise</td>
<td>Express, concisely, the relevant details</td>
</tr>
<tr>
<td>Synthesise</td>
<td>Putting together various elements to make a whole</td>
</tr>
</tbody>
</table>

A digital version of this glossary can be found at: [http://quizlet.com/_16m5pc](http://quizlet.com/_16m5pc)
<table>
<thead>
<tr>
<th>Tuesday 10th November</th>
<th>Wednesday 11th November</th>
<th>Thursday 12th November</th>
<th>Friday 13th November</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science</td>
<td>Mathematics: 10A</td>
<td>English</td>
<td>Electives</td>
</tr>
<tr>
<td>8:20 am – 9.55 am</td>
<td>8:20 am – 10.25 am</td>
<td>8:20 am – 10.25 am</td>
<td>8.20am – 10.30am</td>
</tr>
<tr>
<td>Auditorium</td>
<td>Auditorium</td>
<td>Auditorium</td>
<td>Auditorium</td>
</tr>
<tr>
<td>Mathematics: 10B &amp; 10C</td>
<td>8:20 am – 9:55am</td>
<td></td>
<td>Japanese</td>
</tr>
<tr>
<td></td>
<td>Auditorium</td>
<td></td>
<td>+ other elective</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>8:00am – 10.40am</td>
</tr>
<tr>
<td>Geography</td>
<td>PerIODS 3 - 6:</td>
<td>PerIODS 4 - 6:</td>
<td>PerIODS 4 - 6:</td>
</tr>
<tr>
<td>10:35 am – 12:10 pm</td>
<td>Normal lessons</td>
<td>Normal lessons</td>
<td>Normal lessons</td>
</tr>
<tr>
<td>Auditorium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PerIODS 5 - 6:</td>
<td>Normal lessons</td>
<td>PerIODS 4 - 6:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Normal lessons</td>
<td>Normal lessons</td>
<td></td>
</tr>
</tbody>
</table>
Examination Instructions

**Before the examination**
All exams will be held in the **Auditorium** unless stated otherwise. Special Provision exams will be held in **L1 and L2**.

For exams in the Auditorium: line up outside the cafeteria between L block and the auditorium before examinations. If it is wet weather meet in the auditorium foyer.

For exams in L1 and L2: meet outside L1 and L2 before examinations.

Full summer uniform is expected during the examination period.

Students who study Japanese will start their Japanese exam at 8.00am and then complete their other elective from 9.35am-10.40am.

**During the examination**
Please ensure you have a clear pencil case and the correct equipment for your examination. You will not be allowed to bring in any other type of pencil case other than a clear one. There will be no borrowing of equipment during an examination.

If you are caught with a mobile phone or smartwatch on you whether it is turned on or off, you will be given ZERO for your examination. Turn them off and place them on the ground under the table.

**After the examination**
Year 10 students are not allowed to sign out of College after they have finished their exam each day. Once an examination is over, it is a normal school day.

When finished an examination, move to the quad. Do not disrupt other classes. The canteen will not be open outside of normal recess and lunch times.

If you miss an exam due to being absent from the College, you need to provide a medical certificate and see the Mr Wilkins in Student administration the next day to arrange a time to catch up the exam.
Child Studies

Length: 1 hour + 5 minutes reading time

Weighting: 25%

Format: 
- Multiple choice 10 marks
- Short answers 35 marks
- Extended response 15 marks

Content

Section 1
- Types and levels of play
- Role of adult
- Childhood injuries and accidents
- Children orientated community resources and services
- Australian standards for children’s resources and enrichment devices
- First aid, diseases in childhood and immunisation

Section 2:
- Growth and development of child
- First aid, diseases in childhood and immunisations
- Play-based learning environments and activities
- Educational philosophies and approaches to support learning in the early years
- Suitability, sustainability and safety of play choices
- Hazards and strategies to reduce harm in a variety of environments
- Nurture and care of infants e.g. changing nappy and bathing a child

Section 3:

Extended Response Question:

Analyse the safety and risk factors associated with different play choices and explain the views relating to the challenge and risk-taking activities. Refer to the sources provided within the examination.
How to study for this exam

1. Know how to answer questions in Child Studies examinations:
   • Demonstrate an understanding of the interrelated concepts that affect a child’s wellbeing
   • Apply the skills of critical thinking and analysis
   • Illustrate your answer with relevant examples
   • Present ideas in a clear and logical way

2. Know the Key Directive Terms
   Be familiar with the key directive terms used in Child Studies examinations. A list of all the key directive terms you need to know are presented in the table below. You will be asked to...

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Anaylse</strong></td>
<td>Identify components and the relationship between them; draw out and relate implications</td>
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<td>Sketch in general terms; indicate the main features of</td>
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</table>

3. Know your Content
   Prepare by knowing your workbooks and preparing the extended response question below.
   Students will receive this extended response question in their examination. Students may prepare for this question, but will not be allowed to bring any material into the exam to help them answer the question.
Commerce

Length: 1 hour + 5 minutes reading time

Weighting: 30%

Format: Multiple choice
           Short answers
           Extended response

Content

Law and Society
- Reasons for the law and legal system
- The court structure and hierarchy
- The role of juries
- Areas of law
- How bills are made
- The relationship of laws to values, morals and ethics
- How laws are changed
- Accessing the law
- Issues of fairness in using the law

Employment Issues
- Types of employment
- Changing work patterns
- Benefits of education and training for employment
- Types of employment contract
- Unemployment
- Legal issues relating to the workplace
- The role of unions and employer groups
- Resolving disputes
- Taxation
- Superannuation

Political Involvement
- The structure of the government
- Political action
- Decision making
- Participation in the democratic process
- Role and function of political parties
- Pressure groups and individuals

Towards Independence
- Moving from home
- Arranging accommodation
- Processes for arranging a lease
- Managing finances
- Insurance

How to study for this exam
Complete all worksheets, thoroughly revise the relevant chapters of your textbook. The Check & Challenge questions at the end of each chapter will provide good practice for your examination. Ensure that you understand key course concepts, revise key terminology and complete practice responses in long and short answer.
Drama

Length: 1 hour + 5 minutes reading time

Weighting: 20%

Format: Short answers
Extended response

Content

Section 1. – Issue Based Playbuilding and Elements of Drama
- Based on play 'Out of Your Mind'
- Exploring the topic
- Research
- Finding the spine
- Working the scenes
- Working on your performance
- Putting it together
- The final script
- Rehearsing
- Evaluation

Section 2. – Commedia dell’Arte
- Historical Background
- Stereotypical characters-The Old men, the young lovers, the zanni
- Performing the Commedia dell’Arte-Acting style
- The Lazzi
- Your Lazzi-Scenario outline
- Describe the concetti-comic monologue for your character
- Your Burle
- Evaluation in Commedia dell’Arte terms of the presentation of your scene

How to study for this exam

Revising class notes and texts.
Evaluate your performance in Commedia dell’Arte terms
English

Length: 2 hours + 5 minutes reading time

Weighting: 25%

Format: Comprehension - Short answers
Creative Writing
Extended analytical response

Content: Area of Study – Justice
‘To Kill a Mockingbird’ or ‘Of Mice and Men’ or ‘Deadly Unna’
Related texts on the theme of justice

How to study for this exam

Look at online comprehension questions and review classwork comprehension.

Practise formulating plotlines for creative writing on the topic of justice, including developing figurative and descriptive language phrases and sentences. Work at including non-linear plotlines and developing the ‘voice’ of several different characters in your story (multiple narrators).

Review essay writing techniques, and practise developing topic sentences about the representation of justice in the novel studied in your class. Practise comparing and contrasting the ideas in your chosen related text. Learn quotes and techniques from both your prescribed and related texts to include in your essay.
Extreme History

Length: 1 hour + 5 minutes reading time

Weighting: 35%

Format: Multiple choice 15 marks
          Short answers 25 marks
          Extended response 15 marks

Equipment: Blue/Black Pen

Content

Topic 1: Thematic Study – Piracy
- Piracy in the Ancient World
- Atlantic Trade and Colonisation
- Golden Era of Piracy
- Pirates vs Privateers
- Piracy in Popular Culture
- Case Study: Sir Francis Drake

Topic 2: The American Revolution
- The British Empire
- The Thirteen Colonies by 1763
- Causes of the American Revolution
- The Boston Tea Party

How to study for this exam
You will need to be able to:
- Write an extended response
- Answer questions from written and visual sources

Students are also advised to make thorough study notes from their workbook, assessments and class discussions.
Content

What's on the menu? (Chapter 7)
- Food service and catering ventures
- Employment opportunities in the industry
- Employer, employee and consumer rights and responsibilities
- Consumer rights and responsibilities
- Menu planning and considerations
- Food service and catering considerations
- Recipe Development
- Purchasing systems
- Operations of a small business venture

Revise chapter review for this chapter

What’s in? (Chapter 10)
- Trends in food
- Trends in dining and food service
- Diet related disorders
- Trends in food presentation and food styling
- Food styling and photography
- Accepting new food trends
- Marketing and food trends

Revise chapter review for this chapter

How to study for this exam
Students are advised to make thorough study notes from their textbook, assessment work and class discussions. Also, revise notes taken in class.
Geography

Length: 1 hour and 30 minutes + 5 minutes reading time

Weighting: 40%

Format: Multiple choice
Short answers
Extended response

Content

Topic 1: Issues in Australians Environments
- Geographical issues affecting Australian environments including: air quality, coastal management, land and water management, spatial inequality, waste management.
- Core issue: Urban Growth and Decline
  - the geographical processes relevant to the issue
  - the perceptions of different groups about the issue
  - individual, group and government responses to the issue
  - decision-making processes involved in the management of the issue
  - management of the issue and implications for sustainability, social justice and equity

Topic 2: Australia in its Regional and Global Contexts

The place of Australia in the world
- Australia’s location in relation to its near neighbours and their territorial boundaries
- The ways Australia interacts with other nations including: communication, culture, defence, migration, tourism, trade, sport.
- Core link: Aid
  - The nature of the link
  - The roles of the government and of non-government organisations in relation to the link
  - Treaties and/or agreements relevant to the link
  - Cultural, economic and geopolitical advantages and disadvantages to Australia
  - Social justice and equity issues in Australia and other countries

Future challenges for Australia: Population
- current and future population trends:
  - growth rates, age structure and spatial distribution
  - government population policies to manage population growth
- implications of population trends:
  - ecological sustainability
  - population movement and urban planning

Skills:
Maps skills
Precis maps
Population pyramids

How to study for this exam
Revise key geographical terms and concepts for the examined topics from your class notes, discussions, assessments and textbooks. Practice your extended writing skills, including structure. Review geographical skills.
Information and Software Technology

Length: 1 hour + 5 minutes reading time

Weighting: 20%

Format: Multiple choice 20 marks
          Short answers 40 marks

Equipment: Pen, Pencil, Ruler, Eraser and Calculator

Content

Data Handling
- Data and Information
- Data forms
- Data Types
- Data Storage
- File compression
- Data transmission and security

Software Development and Programming
- Basic programming concepts
- Data Types
- Operator and assignment statements
- Functions
- Algorithms
- Control structures
- Desk checking and subprograms
- GUI Layouts
- Programming Languages
- Testing for, and correcting errors
- Program documentation

People
- Roles and responsibilities
- Careers in IST

How to study for this exam
Revise each of the activities completed in class, along with the written component of the assessment task. Revision games are provided on the thacist.weebly.com website.
Industrial Technology - Timber

**Length:** 1 hour + 5 minutes reading time

**Weighting:** 30%

**Format:** Multiple choice
- Short answers
- Extended response

**Equipment:** Pen, Pencil, Ruler, Eraser and Calculator

**Content**

**General Wood – Core module 1**
- OHS and Risk Management
- Materials
- Equipment, Tools and Machines
- Techniques
- Links to Industry
- Design
- Workplace Communication Skills
- Societal and Environmental Impact

**General Wood – Core module 2**
- OHS and Risk Management
- Materials
- Equipment, Tools and Machines
- Techniques
- Links to Industry
- Design
- Workplace Communication Skills
- Societal and Environmental Impact

**Cabinetwork – Specialisation Module 3**
- OHS and Risk Management
- Materials
- Equipment, Tools and Machines
- Techniques
- Links to Industry
- Design
- Workplace Communication Skills
- Societal and Environmental Impact

**How to study for this exam**
Questions that have more marks associated require a more in-depth answer. Take time to prepare your response before attempting to answer the extended response section. Consider using a 'Mind-map', 'Brainstorm' or any other method to prepare. Structure your response to include the most important concepts first.
Japanese

Length:
Section I: 50 minutes + 5 minutes reading time
Sections II and III: 1 hour and 30 minutes + 5 minutes reading time
Section IV: 10 Minutes per person

Weighting: 35%

Format:
Section I  Listening and Responding: In class week prior to examination  25 marks
Section II  Reading and Responding: In Auditorium during examination week  30 marks
Section III Writing: In Auditorium during examination week  25 marks
Section IV  Speaking: In class week prior to examination  20 marks

Content
The examination will include all hiragana, katakana, kanji, vocabulary and grammar covered in the following topics:

Unit 6  What kind of person?
Unit 7  Let’s eat!
Unit 8  Homestay
Unit 9  Go straight ahead
Unit 10 Sport hero

How to study for this exam

Listening and Speaking
- Make sure you focus on learning all the vocabulary we have learnt, by studying from Quizlet sets or however you learn the vocabulary best.
- Watch and listen to Japanese videos, TV shows or any sound-bites you can find on the internet. You could also listen to the CD that came with Obento Supreme workbook.
- Revise all the grammar structures we have learnt. Use the summary pages (191 - 193) of your student book as a guide to what we have covered. Also refer to the verb chart on pages 200 – 201 to revise the て form of the verb.
- For speaking, create a list of all possible questions you could be asked in Japanese and prepare answers for them. Practice with a friend, taking turns to ask and then answer the questions.

Reading and Writing
- Make sure you focus on learning all the vocabulary we have learnt, by studying from Quizlet sets or however you learn the vocabulary best.
- Make sure Kanji is a focus – know how to read and write all the kanji covered. For a comprehensive list of the Kanji from the year, use the Kanji cards in the back of your student workbook, as a guide.
- Revise all the grammar structures we have learnt. Use the summary pages (191 - 193) of your student book as a guide to what we have covered.
- Write practice sentences for each grammar structure.
- Read back over the れんしゅう and ぶんぽう pages in your student book. Practice translating the passages and answering the questions.
Mathematics – A Pathway (5.3)

Length: 2 hours + 5 minutes reading time  Weighting: 30%

Format: Common Section: (5.1-13SP; 5.1-6NA; 5.1-11MG; 5.1-10MG; 5.2-13MG; 5.1-7NA; 4-10NA)
Multiple choice
Extended response

Equipment: Pens, approved calculators, ruler, pencil and eraser

Content

<table>
<thead>
<tr>
<th></th>
<th>Cambridge 10 Text Chapters (5.1/5.2/5.3)</th>
<th>MathsQuest 10 Text Chapters (5.1/5.2/5.3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Probability (5.1 content only)</td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td>Quadratic Expressions and Equations</td>
<td>8</td>
<td>2, 7, 8</td>
</tr>
<tr>
<td>Linear Relationships</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>Properties of Geometrical Figures</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>Trigonometry</td>
<td>7</td>
<td>5, 22</td>
</tr>
<tr>
<td>Non Linear Relationships</td>
<td>9</td>
<td>9</td>
</tr>
</tbody>
</table>

Outcomes to be assessed:

5.1 - 6NA  determines the midpoint, gradient and length of an interval, and graphs linear relationships
5.1 - 7NA  graphs simple non-linear relationships
5.1 - 10MG applies trigonometry, given diagrams, to solve problems, including problems involving angles of elevation and depression
5.1 - 11MG describes and applies the properties of similar figures and scale drawings
5.1 - 13SP calculates relative frequencies to estimate probabilities of simple and compound events
5.2 - 6NA  simplifies algebraic factions, and expands and factorises quadratic expressions
5.2 - 8NA  solves linear and simple quadratic equations, linear inequalities and linear simultaneous equations, using analytical and graphical techniques
5.2 - 10NA connects algebraic and graphical representations of simple non-linear relationships
5.2 - 13MG applies trigonometry to solve problems, including problems involving bearings
5.2 - 14MG calculates the angle sum of any polygon and uses minimum conditions to prove triangles are congruent or similar
5.3 - 5NA  selects and applies appropriate algebraic techniques to operate with algebraic expressions
5.3 - 7NA  solves complex linear, quadratic, simple cubic and simultaneous equations, and rearranges literal equations
5.3 - 8NA  uses formulas to find midpoint, gradient and distance on the Cartesian plane, and applies standard forms of the equation of a straight line
5.3 - 9NA  sketches and interprets a variety of non-linear relationships
5.3 - 15MG applies Pythagoras' theorem, trigonometric relationships, the sine rule, the cosine rule and the area rule to solve problems, including problems involving three dimensions
5.3 - 16MG proves triangles are similar, and uses formal geometric reasoning to establish properties of triangles and quadrilaterals

How to study for this exam

- Read your class notes carefully. Do a selection of questions from each exercise (especially the ones that you got wrong the first time).
- Do the appropriate questions from the Chapter Reviews in your text book. (Ask your teacher.)
- Re-do your topic tests and Assessment Task 3. Learn from your mistakes.
- If there is something you don’t understand, ask your teacher for help, or come to J11 any lunchtime for tutoring.
Mathematics – B Pathway (5.2)

**Length:** 1 hour and 30 minutes + 5 minutes reading time

**Weighting:** 30%

**Format:** Common Section: (5.1-13SP; 5.1-6NA; 5.1-11MG; 5.1-10MG; 5.2-13MG; 5.1-7NA; 4-10NA)
Multiple choice
Extended response

**Content**

<table>
<thead>
<tr>
<th>Probability</th>
<th>Cambridge 10 Text Chapters (5.1/5.2)</th>
<th>MathsQuest 10 Text Chapters (5.1/5.2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Bivariate Data Analysis</td>
<td>4</td>
<td>12</td>
</tr>
<tr>
<td>Linear Relationships</td>
<td>5</td>
<td>13, 14</td>
</tr>
<tr>
<td>Properties of Geometrical Figures</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>Trigonometry</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>Equations, formulas and inequalities</td>
<td>8</td>
<td>5</td>
</tr>
<tr>
<td>Quadratic expressions/equations and Non Linear Relationships</td>
<td>9</td>
<td>4</td>
</tr>
</tbody>
</table>

**Outcomes to be assessed:**

5.1 - 6NA  determines the midpoint, gradient and length of an interval, and graphs linear relationships
5.1 - 7NA  graphs simple non-linear relationships
5.1 - 10MG applies trigonometry, given diagrams, to solve problems, including problems involving angles of elevation and depression
5.1 - 11MG describes and applies the properties of similar figures and scale drawings
5.1 - 12SP uses statistical displays to compare sets of data, and evaluates statistical claims made in the media
5.1 - 13SP calculates relative frequencies to estimate probabilities of simple and compound events
5.2 – 5NA  recognises direct and indirect proportion, and solves problems involving direct proportion
5.2 - 6NA  simplifies algebraic factions, and expands and factorises quadratic expressions
5.2 - 8NA  solves linear and simple quadratic equations, linear inequalities and linear simultaneous equations, using analytical and graphical techniques
5.2 – 9NA  uses the gradient-intercept form to interpret and graph linear relationships MA5.2-9NA
5.2 - 10NA connects algebraic and graphical representations of simple non-linear relationships
5.2 - 13MG applies trigonometry to solve problems, including problems involving bearings
5.2 - 14MG calculates the angle sum of any polygon and uses minimum conditions to prove triangles are congruent or similar
5.2 – 15SP uses quartiles and box plots to compare sets of data, and evaluates sources of data
5.2 – 16SP investigates relationships between two statistical variables, including their relationship over time
5.2 – 17SP describes and calculates probabilities in multi-step chance experiments

**How to study for this exam**

- Read your class notes carefully. Do a selection of questions from each exercise.
- Do the appropriate questions from the Chapter Reviews in your text book.
- Re-do your topic tests and Assessment Task 3.
- If there is something you don’t understand, ask your teacher for help, or come to J11 any lunchtime for assistance.
Mathematics – C Pathway (5.1)

Length: 1 hour and 30 minutes + 5 minutes reading time

Weighting: 30%

Format: Common Section: (5.1-13SP; 5.1-6NA; 5.1-11MG; 5.1-10MG; 5.2-13MG; 5.1-7NA; 4-10NA)
Multiple choice
Extended response

Equipment: Pens, approved calculators, ruler, pencil and eraser

Content
- Probability (Chapter 4 of Cambridge Textbook)
- Linear Relationships (Chapter 6 of Cambridge Textbook)
- Properties of Geometrical Figures (Chapter 7 of Cambridge Textbook)
- Trigonometry (Chapter 8 of Cambridge Textbook)
- Equations (Chapter 9 of Cambridge Textbook)
- Non Linear Relationships (Chapter 10 of Cambridge Textbook)

Outcomes:
- 4: 10NA- uses algebraic techniques to solve simple linear and quadratic equations.
- 5.1: 13SP- calculates relative frequencies to estimate probabilities of simple and compound events.
- 5.1: 6NA- determines the midpoint, gradient and length of an interval, and graphs linear relationships.
- 5.1: 7NA- graphs simple non-linear relationships.
- 5.1: 10MG- applies trigonometry, given diagrams, to solve problems, including problems involving angles of elevation and depression.
- 5.1: 11MG- describes and applies the properties of similar figures and scale drawings.
- 5.2: 9NA- uses the gradient-intercept form to interpret and graph linear relationships.
- 5.2: 13MG- applies trigonometry to solve problems, including problems involving bearings.

How to study for this exam
- Read your class notes carefully. Do a selection of questions from relevant exercises
- Do the appropriate questions from the Chapter Reviews in your text book
- Re-do topic tests

If there is something you don’t understand, ask your teacher for help, or come to J11 any lunchtime for assistance.
Music

**Length:**
- Aural Examination: 1 hour + 5 minutes reading time
- Performance: 5 minute maximum

**Weighting:**
- Aural Examination: 20%
- Performance: 15%

**Format:**

**Aural Examination**

Part A: Aural: Listening and Dictations
- Rhythm Dictations using various time signatures and rhythms
- Chord recognition including all chord types studied so far.
- Intervals: recognising all major and perfect intervals and notating them on the stave
- Recognising minor intervals
- Melody dictation

Part B: Listening Analysis & Score Reading
- You will hear 3 excerpts of music from relating to Jazz
- There will be questions that will require you to demonstrate your understanding of the concepts of music.

**Performance**
5 minute performance examination. This is to be held during your examination period.

**Content**

**Jazz**
- The aural and theory elements related to this unit that have been studied in class during listening and theory lessons.
- This is a listening and analysis examination. This means you need to respond to dictations and pieces of music that are played to you during the examination.

**How to study for this exam**

1. Participate in class aural activities.
2. Revise your musical vocabulary.
3. Participate in class rhythm/melody dictation activities.
4. Revise past score reading work.
5. Go over your concepts of music.
Physical Activity & Sports Studies - PASS

Length: 1 hour + 5 minutes reading time

Weighting: 20%

Format: Multiple choice
Short answers
Extended response: This question will be distributed on Edmodo and in class 2 weeks before the examination date.

Content

COACHING
- Coaching styles
- Training grids
- Game sense categories
- Micro and macro cycles
- Training phases e.g. pre, in and post seasons
- First aid (Stop and ricer)
- Negligence
- Ethical coaching
- Legal responsibilities
- Structure of a coaching session

SAFETY IN SPORT
- Definition of risk (subject in nature) Features of a risk assessment
- Behavioural factors
- Organisational factors
- Purpose of a risk assessment
- Treatment of injuries
- TOTAPS
- Structuring a risk assessment

ISSUES IN SPORT
- Performance Enhancing Drugs – Types of drugs, the debate for and against using performance enhancing drugs, the impact and effects of drug taking and being busted.
- Other issues in sport discussed in class

How to study for this exam
Revise relevant workbooks from this year.

Glossary of key words for questions

<table>
<thead>
<tr>
<th>Define</th>
<th>State meaning and identify essential qualities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe</td>
<td>Provide characteristics and features</td>
</tr>
<tr>
<td>Discuss</td>
<td>Identify issues and provide points for and/or against</td>
</tr>
<tr>
<td>Explain</td>
<td>Relate cause and effect; make the relationships between things evident; provide why and/or how</td>
</tr>
<tr>
<td>Outline</td>
<td>Sketch in general terms; indicate the main features of</td>
</tr>
</tbody>
</table>
Science

Length: 1 hour and 30 minutes + 5 minutes reading time

Weighting: 30%

Format: Multiple choice
Short answers

Content

- All aspects of Physics including:
  - Motion
  - Newton’s Laws

- All aspects of Astronomy including:
  - Life Cycle of Stars
  - Big Bang

- All aspects of Genetics including:
  - DNA structure
  - Mendel
  - Dominant and recessive genes and Punnett Squares
  - Genetic engineering

- All aspects of Evolution including:
  - Adaptations
  - Natural Selection
  - Peppered moths
  - Requirements for evolution

- All concepts covered in class practicals

How to study for this exam

- Underline the key words in the questions
- In calculation style questions remember to write your list, write your equation and use the correct units
- Show all working in calculation style questions
- In written response questions use the correct terminology and always check how many marks the question is worth before you formulate your response
- Do the multiple choice section last
- Please ensure you have fresh batteries in your calculator
Visual Arts

Length: 1 hour + 5 minutes reading time

Weighting: 20%

Format: Short answers: 5 and 10 mark questions
Extended response: 15 and 20 mark questions

Content

1. The Archibald Prize.
2. W.B.McInnes: “Professor Harrison Moore”
3. William Dobell: “Joshua Smith”, and the controversy this painting caused
5. Social change in Australia between 1885 and 1901.
6. Frederick McCubbin: “Down on his Luck”
8. Brett Whiteley: “Art, Life and the Other Thing”

How to study for this exam

Revise class notes, consult teacher for further details