Year 9
Final Examination

Timetable
Study Guide

Term 4, Week 4

Monday 26th October to Friday 30th October 2015
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# Year 9 Final Examination Timetable 2015

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<th>Monday 26th October</th>
<th>Tuesday 27th October</th>
<th>Wednesday 28th October</th>
<th>Thursday 29th October</th>
<th>Friday 30th October</th>
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</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td><strong>History</strong></td>
<td><strong>Mathematics</strong></td>
<td><strong>Science</strong></td>
<td><strong>Electives</strong></td>
</tr>
<tr>
<td>8.20 am – 10.25 am</td>
<td>8.20 am – 9.55 am</td>
<td>8.20 am – 9.55 am</td>
<td>8.20 am – 9.55 am</td>
<td>8.20 am – 10.30 am</td>
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<td>+ other elective</td>
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<td>8:00 am – 10:40 am</td>
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<td>P5</td>
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<tr>
<td><strong>PDHPE</strong></td>
<td></td>
<td><strong>Periods 3-6:</strong></td>
<td><strong>Periods 3-6:</strong></td>
<td><strong>Periods 4-6:</strong></td>
</tr>
<tr>
<td>10.45 am – 11.50 am</td>
<td></td>
<td>Normal lessons</td>
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<td>Normal lessons</td>
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<tr>
<td>Auditorium</td>
<td></td>
<td>Periods 5-6:</td>
<td>Periods 4-6:</td>
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<td>Normal lessons</td>
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<tr>
<td></td>
<td></td>
<td>Periods 5-6:</td>
<td></td>
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</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 9 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: 30 Marks
         Extended response: 10 Marks

Content

Section 1
- Contraception
- Reproduction
- Growth and development
- Food and Nutrition
- Nurture and care of infants

Section 2:
- Growth and development of child
- Teenage pregnancy
- Food and Nutrition e.g. food allergies
- Rights and responsibilities e.g. child abuse
- Nurture and care of infants e.g. changing nappy and bathing a child

Section 3:
Extended Response Question:

Select ONE of the children’s books provided in the examination. Analyse the suitability of your chosen children’s book for a child aged 3 to 6 years. In your answer refer to the growth and development characteristics of a child.
Child Studies - Continued

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….

<table>
<thead>
<tr>
<th>Analyse</th>
<th>Identify components and the relationship between them; draw out and relate implications</th>
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</thead>
<tbody>
<tr>
<td>Define</td>
<td>State meaning and identify essential qualities</td>
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<tr>
<td>Discuss</td>
<td>Identify issues and provide points for and/or against</td>
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<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>

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: 35%

Format: Multiple choice
         Short answers
         Extended response

Content:
Consumer Choice
- Choices consumers face
- Comparison Shopping
- Choosing where to buy
- Key factors affecting consumer decisions
- The need for consumer protection
- Features of a contract
- Legal rights and protective legislation for consumers
- Organisations that provide assistance for consumers
- Processes of consumer redress
- Payment choices
- Methods of keeping records
- Changes over time and the impact of technology

Travel
- Travel destinations
- Factors influencing the choice of travel destinations
- Planning a trip
- Options for organising travel
- Considerations when planning a trip
- Organising an itinerary
- Travel problems
- Solving travel problems

Personal Finance
- Earning an income
- Spending and saving income
- Borrowing money
- Managing money
- Insurance
- Consequences of poor financial management
- Investing money

E-Commerce
- The scope of E-Commerce
- Online shopping
- Advice on consumer issues
- E-consumer protection issues
- Work place issues
- Financial services

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: Playbuilding and Elements of Drama

Section 2: Mask (Half Mask and Chorus Work)
The Snake
Cannoning
Parallel Lines

Section 3: Medea written by Euripides in 431BC
Describe the process and development that you and your group worked through, to present the Group Performance of Medea.

How to study for this exam

Revising class notes and texts
Evaluate your theatrical growth as a performer and as a member of a group.
English

**Length:** 2 hours + 5 minutes reading time

**Weighting:** 25%

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

**Content:** ‘The Sapphires’ film  
‘Animal Farm’ and ‘Divergent’  
Graphic Novels

**How to study for this exam**

- Revise your class notes on all texts.
- Revise Graphic Novels.
- Practise writing an extended response where you consider how similar ideas are represented in ‘Animal Farm’ and ‘Divergent’, in a 40 minute timeslot.
**Extreme History**

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

**Weighting:** 35%

**Format:**
- Multiple choice: 15 marks
- Skills and Short Answers: 25 Marks
- Extended response: 15 marks

**Equipment:** Blue/Black Pen

**Content**

**Topic 1: Medieval and Early Modern Europe**
- The Dark Ages
- Social structure – Feudalism
- The role of the king (Divine Right of Kings)
- Everyday life in Medieval Europe
- Role of religion
- The Crusades
- The Black Death
- End of the Middle Ages

**Topic 2: Thematic Study – Terrorism**
- What is terrorism?
- Terrorism vs. Freedom Fighters
- Aims and methods of terrorists
- French Resistance
- Tamil Tigers
- Hezbollah

**How to study for this exam**

You will need to be able to:
- Write an extended response
- Answer questions from written and visual sources
### Food Technology

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

**Weighting:** 25%

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

**Content**

**Eat Well, Live Well (Chapter 2)**
- The 6 Food Nutrient Groups
- The role of fibre in the diet
- Foods developed to enhance health
- Over nutrition and under nutrition
- Food consumption in Australia
- National guidelines for healthy eating
- Nutritional requirements of different stages of life
- Selection of nutritious foods

**Bush tucker to contemporary cuisine (Chapter 3)**
- Use of native foods to Australia
- Early European influences
- Multicultural influences
- Evolution of an Australian cuisine
- Influences on food selection
- Factors affecting current consumption patterns

**Is it good for me? (Chapter 6)**
- Function of food in the body
- Digestion of food
- Function and sources of food components
- Nutritional needs
- Factors influencing food habits

**Food for life (Chapter 8)**
- Circumstances that lead to special food needs
- Health status

**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.
History

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

Weighting: 40%

Format: Multiple choice: 20 questions 20 Marks
Short answers: 8 questions 30 Marks
Extended response: 2 questions 30 marks

Content

1. Depth Study 1(c): The Making of the Modern World – Progressive Ideas and Movements
   a. Overview I
   b. The emergence and nature of key ideas in the period
   c. The reasons why socialism emerged and developed a following
   d. The role of an individual or group in the promotion of socialism
   e. The short and long term impacts of socialism on Australia and the world

2. Core Study - Depth Study 3: Australians at War: World Wars I and II (1914-1918, 1939-1945)
   a. Overview II
   b. Overview of the causes of the war, why men enlisted and where Australians fought
   c. Scope and nature of warfare
   d. Significant events and the experiences of Australians at war

How to study for this exam

Note: Not all of the topics studied in class up to the examination will be covered.

A minimum level of study would involve reading over the notes and questions/answers in your exercise book. To expand your study you should then read back over the relevant sections of the textbook. There are end of topic questions for each chapter which you can use to check your understanding. You should also revise your assessment tasks from Terms 3 and 4.

If you would like to go beyond this level, your teacher can provide you with one or more past examination papers to practise on. You should request these from your teacher in the weeks leading up to the examination.
Industrial Technology - Engineering

Length: 1 hour + 5 minutes reading time

Weighting: 25%

Format: Multiple choice
Short answers

Equipment: Pens, Pencil, Ruler, Eraser, Calculator, Drawing equipment

Content

Engineered Mechanisms
- OHS and Risk management
- Equipment, Tools and Machines
- Engineering Design
- Engineering Mechanics
- Materials
- Communication

How to study for this exam

The exam is designed to test your understanding of Engineering Mechanisms and will be based heavily on the work you have completed in each of your class tasks, along with your hydraulics assessment task.
**Industrial Technology - Timber**

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

**Weighting:** 25%

**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

**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: 55 minutes + 5 minutes reading time  
Sections II and III: 1 hour 30 minutes + 5 minutes reading time  
Section IV: 5 - 10 Minutes per person

Weighting: 30%

Format:  
Section I  Listening and Responding: In class week prior to examination  75 marks  
Section II  Reading and Responding: Auditorium  75 marks  
Section III  Writing: Auditorium  75 marks  
Section IV  Speaking: In class week prior to examination  25 marks

Content

The examination will include all hiragana, kanji, vocabulary and grammar covered in the following topics, incorporating Obento Deluxe 2:

Unit 10  Club Activities  
Unit 11  Free Time  
Unit 12  How was it?

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  
- Revise all the grammar structures we have learnt.  
- 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.  
- Revise all the grammar structures we have learnt. Use the summary pages Unit 10 (181-183), Unit 11 (196 - 197), Unit 12 (215-217) of your student book as a guide to what we have covered.  
- Write practice sentences for each grammar structure.
Mathematics – A Pathway (5.3)

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

Weighting: 30%

Format: Common Section
Multiple choice
Written Response (working required)

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

Content
Chapter 4: Linear Relationships
- MA5.1-6NA determines the midpoint, gradient and length of an interval, and graphs linear relationships
- MA5.2-9NA uses the gradient-intercept form to interpret and graph linear relationships
- MA5.3-8NA uses formulas to find midpoint, gradient and distance on the Cartesian plane, and applies standard forms of the equation of a straight line

Chapter 5: Length, Area, Surface Area & Volume
- MA5.1-8MG calculates the areas of composite shapes, and the surface areas of rectangular and triangular prisms
- MA5.2-11M calculates the surface areas of right prisms, cylinders and related composite solids
- MA5.2-12MG applies formulas to calculate the volumes of composite solids composed of right prisms and cylinders

Chapter 6: Indices and Surds
- MA5.1-5NA operates with algebraic expressions involving positive-integer and zero indices, and establishes the meaning of negative indices for numerical bases
- MA5.2-7NA applies index laws to operate with algebraic expressions involving integer indices
- MA5.3-6NA performs operations with surds and indices

Chapter 7: Properties of Geometrical Figures
- MA5.1-11MG describes and applies the properties of similar figures and scale drawings
- MA5.2-14MG calculates the angle sum of any polygon and uses minimum conditions to prove triangles are congruent or similar
- MA5.3-16MG proves triangles are similar, and uses formal geometric reasoning to establish properties of triangles and quadrilaterals

Chapter 8: Quadratic Expressions & Algebraic Fractions
- MA5.2-6NA expands and factorises quadratic expressions
- MA5.3-5NA selects and applies appropriate algebraic techniques to operate with algebraic expressions
How to study for this exam

- Chapter references above are from the Cambridge textbook, the Mathsquest textbook can also be used for revision.
- 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.
- Review topic tests and assessment tasks.
- 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
Multiple choice
Written Response (working required)

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

Content

Chapter 4: Linear Relationships
- MA4-11NA and
- MA5.1-6NA determines the midpoint, gradient and length of an interval, and graphs linear relationships
- MA5.2-9NA uses the gradient-intercept form to interpret and graph linear relationships

Chapter 5: Length, Area, Surface Area & Volume
- MA4-12MG and
- MA5.1-8MG calculates the areas of composite shapes, and the surface areas of rectangular and triangular prisms
- MA5.2-11MG calculates the surface areas of right prisms, cylinders and related composite solids
- MA5.2-12MG applies formulas to calculate the volumes of composite solids composed of right prisms and cylinders

Chapter 6: Indices and Surds
- MA4-9NA and
- MA5.1-5NA operates with algebraic expressions involving positive-integer and zero indices, and establishes the meaning of negative indices for numerical bases
- MA5.2-7NA applies index laws to operate with algebraic expressions involving integer indices

Chapter 7: Properties of Geometrical Figures
- MA4-17MG and
- MA5.1-11MG describes and applies the properties of similar figures and scale drawings
- MA5.2-14MG calculates the angle sum of any polygon and uses minimum conditions to prove triangles are congruent or similar

Chapter 8: Quadratic Expressions & Algebraic Fractions
- MA5.2-6NA simplifies algebraic fractions, and expands and factorises quadratic expressions
- MA5.2-8NA solves simple quadratic equations

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.
- Review topic tests and assessment tasks.
- If there is something you don’t understand, ask your teacher for help, or come to J11 any lunchtime for tutoring.
Mathematics – C Pathway (5.1)

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

**Weighting:** 30%

**Format:**
- Common Section
- Multiple choice
- Written Response (working required)

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

**Content**
- Trigonometry – Chapter 4
- Linear Relationships – Chapter 5
- Length, Area, SA and Volume – Chapter 6
- Indices – Chapter 7
- Geometry – Chapter 8

**Outcomes to be assessed:**
- A student applies Pythagoras' theorem to calculate side lengths in right-angled triangles, and solves related problems. (MA4–16MG)
- Applies trigonometry, given diagrams, to solve problems, including problems involving angles of elevation and depression (MA5.1-10MG)
- A student creates and displays number patterns; graphs and analyses linear relationships; and performs transformations on the Cartesian plane. (MA4–11NA)
- Determines the midpoint, gradient and length of an interval, and graphs linear relationships (MA5.1-6NA)
- A student uses formulas to calculate the areas of quadrilaterals and circles, and converts between units of area. (MA4–13MG)
- Calculates the areas of composite shapes, and the surface areas of rectangular and triangular prisms (MA5.1-8MG)
- Operates with positive-integer and zero indices of numerical bases. (MA4–9NA)
- Operates with algebraic expressions involving positive-integer and zero indices, and establishes the meaning of negative indices for numerical bases (MA5.1-5NA)
- Describes and applies the properties of similar figures and scale drawings (MA5.1-11MG)
- A student classifies, describes and uses the properties of triangles and quadrilaterals, and determines congruent triangles to find unknown side lengths and angles. (MA4–17MG)

**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.
- Review topic tests and Assessment Tasks.
- If there is something you don’t understand, ask your teacher for help, or come to J11 any lunchtime except Tuesday for tutoring.
Music

Length: 1 hour + 5 minutes reading time, 5 minutes (approximate) performance.

Weighting: Aural: 20%, Performance: 20%

Format: Part A: Aural
Various rhythm activities
Various pitch activities

Part B: Score Analysis
Students will listen to musical recordings and answer questions relating to pitch, dynamics and expressive techniques, structure and texture. There will be a score to refer to.

Performance Examination
Students will perform as piece for the final examination that goes for maximum 5 minutes in length.

Content

- Music in Film
- Australian Music
- Musical concepts: pitch, dynamics and expressive techniques, structure, duration, tone colour and texture.

How to study for this exam

- Ensure you (and your ensemble) have practiced regularly.
- Revise information covered in class and in contracts.
- Complete aural activities in class.
**PDHPE**

Length: 1 hour + 5 minutes reading time

Weighting: 25%

Format: Multiple choice
   Short answers
   Extended response

Content

**RELATIONSHIPS**
Complete and know the following sections of your Term 3 workbooks and Chapter 3 of your textbook (p.36-58):
- Equal and respectful relationships glossary – active listening, communication, conflict resolution, negotiation, empathy, use of power, speaking up (assertiveness)
- Initiative Games
- Diversity, inclusion, advocacy
- Discrimination, harassment and vilification

You will need to know how to:
- develop ground rules and boundaries when forming new relationships
- explore how the appropriate use of personal power can contribute to positive relationships
- clarify personal values and challenge negative community values and images relating to diversity
- design an advocacy strategy that affirms difference and diversity
- identify the various forms of discrimination specified in the Anti-Discrimination Act
- explore the impact of discrimination and difference on marginalised groups

**MODIFIED GAMES:**
It is important that students are able to identify and discuss these key points as related to modified games:
Aspects of movement skill development
- body control and awareness
- object manipulation and control
- anticipation and timing
- technique
- transfer of learning
- safety, and rules and regulations

Students can find information on the aspects of movement skill development in chapters 4.1, 4.2, 4.3 and 4.4 of the textbook (p.61-76). Students also need to be aware of the range of ways a game can be modified, in reference to the Modified Games unit of term 3.

**Extended Response Question:** (10 marks)
Analyse the qualities of positive relationships and the types of behaviours needed to maintain positive relationships. Use examples to support your response.
How to study for this exam

1. Know how to answer questions in PDHPE examinations:
   - Demonstrate an understanding of health and physical activity concepts
   - 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 PDHPE examinations. A list of all the key directive terms you need to know are presented in the table below. You will be asked to….

<table>
<thead>
<tr>
<th>Analyse</th>
<th>Identify components and the relationship between them; draw out and relate implications</th>
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</thead>
<tbody>
<tr>
<td>Assess</td>
<td>Make a judgment of value, quality, outcomes, results or size</td>
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<tr>
<td>Define</td>
<td>State meaning and identify essential qualities</td>
</tr>
<tr>
<td>Describe</td>
<td>Provide characteristics and features</td>
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<td>Recognise and name</td>
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<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>
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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.
Physical Activity & Sports Studies - PASS

Length: 1 hour + 5 minutes reading time

Weighting: 30%

Format: Multiple choice 20 Marks
Short answers 30 Marks

Content

TERM 1
Body in Motion
- Skeletal, Muscular, Respiratory and Cardiovascular systems of the body: anatomy, functions
- Types of joints
- Types of muscles
- Blood flow in the cardiovascular system
- Body’s response to exercise
- Energy systems
- How the 4 body systems combine to perform movement

TERM 2
Outdoor Ed
- Reasons for participating
- Adventure therapy
- Outdoor ethics (leave no trace, take nothing but photos)
- Hypothermia/hyperthermia

TERM 3
Event management
- Structures and formats
- Track and field events
- Requirements and considerations of running events

TERM 3-4
World Games
- Specific people groups attractions to physical activity
- AFL rules and fundamental skills
- Ultimate Frisbee, rules and tactics
- Disability Sports
How to study for this exam

1. Know how to answer questions in PASS examinations:
   - Demonstrate an understanding of health and physical activity concepts
   - Apply the skills of critical thinking and analysis
   - Illustrate your answer with relevant examples
   - Present ideas in a clear and logical way

2. Key Directive Terms
   Be familiar with the key directive terms used in PASS examinations. A list of all the key directive terms you need to know are presented in the table below.

   You will be asked to….

<table>
<thead>
<tr>
<th>Term</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outline</td>
<td>Sketch in general terms; indicate the main features of</td>
</tr>
<tr>
<td>Assess</td>
<td>Make a judgment of value, quality, outcomes, results or size</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>Explain</td>
<td>Relate cause and effect; make the relationships between things evident;</td>
</tr>
<tr>
<td></td>
<td>provide why and/or how</td>
</tr>
<tr>
<td>Identify</td>
<td>Recognise and name</td>
</tr>
<tr>
<td>Demonstrate</td>
<td>Show by example</td>
</tr>
<tr>
<td>Justify</td>
<td>Support an argument or conclusion</td>
</tr>
</tbody>
</table>
Science

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

Weighting: 35%

Format: Multiple choice
Short answers
Longer response

Content

The following aspects of the Waves topic:
- Reflection
- Refraction
- Lenses
- Electromagnetic Spectrum
- Wave properties
- Wave equation
- Sound
- The ear
- Communication

The following aspects of the electricity topic:
- Series and parallel circuits
- Circuit symbols and diagrams
- Ohm’s Law
- Energy transformation
- Electrical power

The following aspects of the Chemistry of New Substances topic:
- Law of Conservation of Mass
- Decomposition reactions
- Synthesis Reactions

The following Aspects of the Atomic Theory topic:
- Isotopes
- Radioactivity
- Half-life
- Uses of radioactivity.

Students may be required to interpret graphs and diagrams
Examination Techniques

- 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: Multiple choice
Short answers
Extended response
Drawings, designs and diagrams

Content

2. The Archibald Prize, Dada Art, Surrealist, Pop Art.
3. Modernism and its Art Movements:
   a. Realism
   b. Impressionism
   c. Post-Impressionism
   d. Expressionism
   e. Futurism
4. The City: John Brack, Collins St, 5pm; Robert Dickerson, Wooloomooloo Landscape, 1973; Jeffrey Smart.
5. Unknown example: expect an unknown example which we have not covered in class. You will be expected to analyse this example by applying information you have learnt.

How to study for this exam

Revise work from Semester 1, particularly the written response paper.
Revise in more detail the work from Semester 2. Make sure you have class notes on all the above topics.
Write summary notes on art examples and concepts. Look up the examples on the internet so that you can be better informed on colour, size, movement, and other examples by the same artist.

Glossary of key words

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</thead>
<tbody>
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<td>Compare</td>
<td>Show how things are similar or different</td>
</tr>
<tr>
<td>Define</td>
<td>State meaning and identify essential qualities</td>
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