

# **Kellyville High School**

# Learning | Excellence | Integrity

# Year 10 ROSA Assessment Booklet

# 2020

# Name:

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This Assessment Booklet is also available on the school's website.

# Welcome to Year 10 Record of School Achievement (ROSA)

This year will be a very important year for you as you are in Year 10 as you work towards your **NSW Record of School Achievement (ROSA)**.

The ROSA credential will:

- be a record of achievement for students who leave school prior to receiving their HSC
- report results of moderated, school-based assessment, not external tests
- be available when a student leaves school any time after they complete Year 10
- be cumulative and recognise a student's achievements until the point they leave school
- show a result for all courses completed in Year 10 and Year 11
- be able to be reliably compared between students across NSW
- be comprehensive and offer the ability to record a student's extracurricular achievements.

From 2020, all Year 12 students in NSW must reach the minimum standard of literacy and numeracy to receive an HSC (Band 8 or higher). Following Year 9 NAPLAN, students can demonstrate they meet the standard by passing the online reading, writing and numeracy tests, which will be available for students to sit for up to five years after beginning their first HSC courses. No student will be ineligible to sit for the HSC on the basis of their Year 9 NAPLAN results. They will receive a Record of School Achievement on leaving school.

The abolition of the external School Certificate external examinations does not alter the end date for Year 10. Students will still need to have a satisfactory record of attendance up until the final day of the school year. Students need to complete their courses in a satisfactory way to be eligible to receive a ROSA.

> Mrs J Barnier Principal

### Introduction

This assessment book for the Stage 5 ROSA is provided to:

- assist students in understanding the place of assessment in their ROSA credential
- explain the processes by which assessment marks are determined and the process for requesting a review, if necessary
- assist students in planning and organising their time, by informing them of when assessment tasks are due.

I hope that students and parents will take the time to read through this information together in order to help them understand the school's expectations regarding assessment and assist in organising the time for them to complete necessary homework and assessment tasks successfully.

For updated details please refer to the NESA website: <u>http://educationstandards.nsw.edu.au/</u>

It is **our** responsibility to provide you with these guidelines and explain them to you. It is **your** responsibility to read and ensure that you understand them.

> Mrs J Roberti / Mr D Wanstall Deputy Principals

### **A. NESA Requirements**

A Record of School Achievement (ROSA) will be issued to students by the NSW Education Standards Authority. The ROSA is a testamur document showing the student's name and school and indicating their record of achievements at the time that leave school prior to receiving a Preliminary and/or Higher School Certificate.

To qualify for the award of a Record of School Achievement (ROSA), the Principal must certify that a student has:

- attended a government school, an accredited non-government school or a recognised school outside NSW;
- undertaken and completed courses of study that satisfy the NSW Education Standards Authority (NESA) curriculum and assessment requirements for the Record of School Achievement (ROSA);
- complied with any other regulations or requirements (eg attendance) imposed by the Minister or the NSW NESA;
- *and* completed Year 10.

### **Pattern of Study**

At Kellyville High School, the following courses are available for study in **Year 10** by candidates in 2020.

- Mandatory:English, Mathematics, Science, Personal Development, Health and Physical Education (PDHPE),<br/>Australian History and Australian Geography (HSIE)
- Electives:Child Studies, Commerce, Drama, Food Technology, STEM Elective, History Elective, IT Engineering<br/>Studies, IT- Timber, IT Multimedia, Information Software and Technology, Music, Photographic and<br/>Digital Media, Physical Activity and Sports Studies, Visual Arts, Visual Design.

### **Course Performance Descriptors**

In every course studied, a student will be issued an A – E grade based on the **Course Performance Descriptors** and their performance in ongoing assessment tasks. Students are required to complete all the assessment tasks as indicated in the schedules for the award of the **ROSA.** Each course has its own course performance descriptors, but the following chart gives a general description of the student performance required for each grade. Specific course related questions can be answered through faculty Head Teachers. A student's grade in each course will indicate the level of achievement and performance they have reached. A task weighting is given to indicate the relative contribution of each task.

Grade	General Performance Descriptors
<b>A</b> Outstanding achievement	The student has an extensive knowledge and understanding of the content and can readily apply this knowledge. In addition, the student has achieved a very high level of competence in the processes and skills and can apply these skills to new situations.
<b>B</b> High achievement	The student has a thorough knowledge and understanding of the content and a high level of competence in the processes and skills. In addition, the student is able to apply this knowledge and these skills to most situations.
<b>C</b> Sound achievement	The student has a sound knowledge and understanding of the main areas of content and has achieved an adequate level of competence in the processes and skills.
<b>D</b> Basic achievement	The student has a basic knowledge and understanding of the content and has achieved a limited level of competence in the processes and skills.
E Limited achievement	The student has an elementary knowledge and understanding in few areas of the content and has achieved very limited competence in some of the processes and skills.

The following are the general course performance descriptors from the NSW Education Standards Authority:

### **B. School Assessment Policy**

It is your responsibility to read this information carefully. The following points apply to all students studying any subject in any faculty at Kellyville High School.

### **Rights and Responsibilities**

The school is responsible for providing:

- guidelines for assessment in each course
- an assessment schedule and course requirements for each course
- at least two weeks notification that an assessment task will take place or be due
- appropriate notice of a change to a previously notified task
- prompt feedback on each task. If you are concerned about a mark or rank on a particular task, you should speak to your teacher as soon as possible after results are issued
- advice on procedures to be followed in the event of an illness or misadventure preventing you from completing as assessment task or Exam
- advice on the procedure and consequences which flow from failure to maintain satisfactory progress.

As a student, you are responsible for:

- meeting all course requirements
- applying yourself with diligence and sustained effort to the set tasks and experiences provided in each course
- making a serious attempt at all assessment tasks. If you do not make a serious attempt at assessment tasks worth in excess of 50% of the available marks you will receive an N determination for that course
- integrity work submitted must by your own and sources consulted must be acknowledged
- submitting all tasks on or before the due date.

### Satisfactory Course Completion

For each course the Principal will need to declare that a student has:

- followed an approved course of study;
- applied themselves with diligence and sustained effort;
- participated in and achieved some or all of the course outcomes.

Attendance at school and in classes is critical to a student achieving course outcomes.

#### **'N-Award'** Determinations

A student who is given an 'N' determination may not be eligible for a Record of School Achievement (ROSA).

- 1 Initially a letter will be sent to students by class teachers and Head Teachers outlining areas where problems exist and consequences of not addressing these. This letter will include an outline/copies of work missed.
- 2 If there is insufficient improvement, a further letter will be sent to students outlining the consequences of failure to meet requirements. This letter will be accompanied by additional interviews / counselling by the Head Teacher and class teacher if the student is not performing in one subject area.
- 3 If an 'N' determination is possible, students and parents / carers will be involved in an interview with the Deputy Principal regarding the possible ineligibility of a ROSA.

### **BLUE Cover Sheet**

All tasks must be submitted with the school cover sheet. No task will be accepted or deemed to have been handed in unless the cover sheet is completed with all relevant signatures.

### Submission of tasks

- Students must complete all tasks to the best of their ability. All tasks must be completed and submitted **BEFORE PERIOD ONE** on the due date. In-class tasks will be given at a time suitable to all classes undertaking the course.
- Computer or printer failure cannot be taken as an acceptable reason for failure to submit a task on time. It is the student's responsibility to save and back-up work frequently. If failure occurs, the student must submit their last printed hard copy as evidence of work completed. If the assignment is to be submitted online (USB), the last saved copy is to be submitted.

### Attendance / Late submission of tasks

On the day of a task it is expected that all students are present for their normal timetable. In the case of absence, when a task is due to be handed in, the student should try to ensure that the task is received by the teacher that day and make all reasonable efforts to have the work delivered, by hand, FAX, or email to your teacher. This may mean a friend or relative bringing it to the school and submitting it on your behalf.

If a student is not present then they must report to the **Deputy Principal** within **TWO DAYS** of their return to school, with:

- a completed **Stage 5 'Illness/Misadventure'** form with all relevant documentation (eg. doctor's certificate, appointment notice, funeral notice) to then negotiate with the Head Teacher of the subject area
- present to the teacher evidence of the task being commenced.

The Head Teacher will then decide, and advise the teacher and Deputy Principal, if the student will:

- Sit the task on an alternative date or sit for a substitute task
- Receive an estimate or special consideration of the result.

Students who hand in tasks after the due date without appropriate documentation will be awarded a **ZERO** mark, which could result in the loss of the **ROSA**.

### Semester reports / Attitude and Effort

The grades and comments that students receive on their reports may include other areas such as examinations, projects, assignments and classwork as well as a conduct and attitude component. Poor attitude and effort that result in lack of achievement of course outcomes and non-completion of work may result in an 'N' Determination. Attitude and effort will form part of your comment on each semester report.

### **Transfer of results**

Students enrolling in the school during Year 10 will be graded on their performance whilst at this school but advice may be sought from their previous school to assist in determining an accurate course grade.

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COURSE & SUBJECT	
TASK:	
	This section gives you the details of the task and the due date
<b>DATE DUE:</b> if the task is not submitted by the due date you will receive zero – see	the school's assessment policy
IN THIS TASK YOU WILL BE ASSESSED ON HOW WELL YOU: •	This section tells you how the task will be assessed
OUTCOMES TO BE ASSESSED:	
•	Outcomes from the syllabus related to the task are listed here

### The completed task is to be handed in with this cover sheet.

NAME:	CLASS:	DATE SUBMITTED	: / /
STATEN I certify that: • the planning, development, content • it has not been copied from another • I have used appropriate research m task or its development without app	and presentation of this task person's work or from books nethods and have not used the	or from the internet or any oth	You state that the work is yours and have acknowledged sources
STUDENT SIGNATURE:		DATE:	/ /
×	REC	X EIPT by Student)	You fill in the receipt and retain it as proof
SUBJECT	TEA	ACHER	you submitted the task
NAME DATE DUE I RECEIVED BY		ASS TE SUBMITTED NED	

### **C. Academic Integrity Policy**

The NESA has strict requirements concerning the integrity of ownership of work submitted. These are mirrored by the school's expectations. All work presented in assessment tasks and examinations (including all submitted works and practical examinations), must be your own. Malpractice (cheating) or plagiarism (claiming someone else's ideas or work as your own or using them without acknowledgement), could lead to your receiving ZERO marks and may jeopardise your award of the Record of School Achievement (ROSA).

Malpractice is any activity that allows you to gain an unfair advantage over other students. It includes, but is not limited to:

- copying someone else's work in part or in whole, and presenting it as your own
- using material directly from books, journals, CDs or the internet without reference to the source
- building on the ideas of another person without reference to the source
- buying, stealing or borrowing another person's work and presenting it as your own
- submitting work to which another person such as a parent, coach or subject expert has contributed substantially
- using words, ideas, designs or the workmanship of others in practical or performance tasks without appropriate acknowledgement
- paying someone to write or prepare material
- breaching school examination rules
- obtaining unauthorised access to examination papers or questions before the examination
- using non-approved aides during an assessment task
- contriving false explanations to explain work not handed in by the due date
- assisting another student to engage in malpractice.

Malpractice during a school exam or for an Assessment Task could result in an 'N' Determination for that subject. The Head Teacher, in consultation with the class teacher, will establish that malpractice has occurred. Parents / Carers will be advised in writing. If a student can produce conclusive evidence that malpractice has not occurred, an appeal may be lodged with the Deputy Principal in writing. An interview with the student will follow and the decision made will be final. If it is found that malpractice has occurred, no substitute task will be given.

### **D. Disability Provisions**

The NSW Education Standards Authority makes provision for students who are suffering either a permanent or temporary disability or medical condition to apply for special exam provisions in the HSC year (eg additional time, separate supervision or even a reader and/or writer). Extensive medical evidence is required for such provisions.

In Year 7 – 11 the Principal, on advice from the Learning Support Team, provides for suitable disability provisions. It must be clear that school adjustments DO NOT automatically mean that a student will receive Disability Provisions from the NESA for their HSC examinations.

Disability provision forms can be obtained from your Year Adviser, Head Teacher Welfare or Deputy Principal's and must be returned to the Learning and Support teacher, Mrs Graham, for consideration by the Learning Support Team at the next meeting.

### E. Procedures for Illness/Misadventure Appeals

Students are advised to complete all assessment tasks to the best of their ability and to **immediately** advise the school in advance if circumstances appear likely to prevent them from doing so. Students who are absent from a scheduled task, or who cannot submit a task on time due to illness /misadventure, have a responsibility to submit a medical certificate or other appropriate documentation. Students who are unwell or experience misadventure are advised to seek **independent** medical advice immediately. The student will be required to collect a **Stage 5 'Illness and Misadventure' form** from the Deputy Principal. This form must be completed and returned to the DEPUTY PRINCIPAL **WITHIN TWO DAYS of returning to school** for the appeals process to progress.

If the appeal is approved, the options may include an estimated mark, rescheduling of the task or other arrangements negotiated on an individual basis. Since students often perform better under stressful conditions than they expect, it is important to complete the task if possible rather than rely on predictions or estimates.

If a **formal examination** is missed the student must follow the same procedure as outlined above and **not** wait until the end of the examination period, unless the illness extends that far. Where possible, examinations will be rescheduled within the examination period time frame. It is the responsibility of the student to organise this with the DEPUTY PRINCIPAL, who will inform the Head Teacher of the subject, and the Examinations Officer.

### F. Reviews / Appeals

All questions about marks or grades must be resolved at the time a task is handed back.

Students may ask for a review of their assessments if they feel that special circumstances have interfered with their performance, not covered by the rules above. This request for review must be submitted in writing to the Deputy Principal, who will consult with the Head Teacher and Year Adviser. Documentary evidence is required.

If you wish to appeal against the mark/grade awarded by the school at the end of the course, you must submit a written appeal together with evidence to the **School Principal**. Your application for a review/appeal should show that your mark/grade in the course is not consistent with the reports given to you throughout the year by the school. The School will review the mark/grade you have been given and advise you of the result of the review.

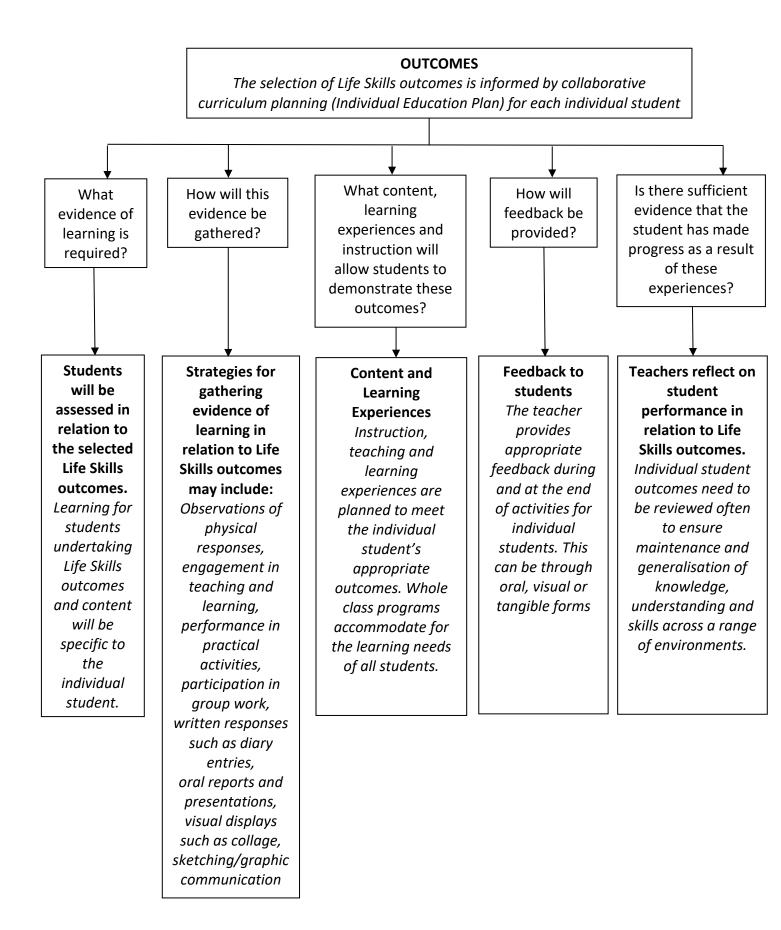
The Review Panel will consist of:

- Principal or Deputy Principal
- Head Teacher of the subject in question or a nominee
- Year Adviser

If your appeal is upheld, you will receive either the mark you actually gained on the task, or a predicted mark, on the judgement of the teacher and Head Teacher.

The Principal will notify the NSW Education Standards Authority (NESA) of any student who has not met NESA requirements and therefore may be ineligible for a ROSA on the grounds of unsatisfactory attendance or application. The Principal will also notify the student of his / her actions and pass on appropriate information including an appeal form to the students / parents.

### LEARNING SUPPORT: LIFE SKILLS ASSESSMENT



### LEARNING SUPPORT: A GLOSSARY OF KEY WORDS

These verbs as they will be commonly used in assessment tasks at Kellyville High School.

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

### **Assessment Schedules**

The assessment schedules included in this booklet indicate the major components in each course. The outcomes relate directly to the task and will be measured using the marking criteria. Use the marking criteria as a guide to get you the best results. It is recommended that you go through your schedules and draw up a calendar in your diary, listing due dates to assist you with planning your time. Dates are generally indicated as weeks only, so that a suitable lesson within the week may be allocated for all classes.

### Dates may change due to unforeseen circumstances. In this instance, as much notice as possible will be given of the new date.

The Assessment Policy rules about lateness will be applied to all of these tasks.

Following the core subjects, elective courses offered follow in alphabetical order.

#### Notes:

- 1. Many of the tasks listed are some form of project or assignment which students will have an extended period to complete. The due date is a *final due date*.
- 2. Many practical subjects base their assessment largely on the completion of practical projects and the submission of portfolios. This means that most of the work is completed in class but the final product is assessed on completion.
- 3. Ongoing observation also contributes to final assessment marks in many areas. No set date can be attached to this form of assessment.
- 4. Topic tests in addition to those listed may be administered in some subjects to assist in formative assessment the acquisition of specific knowledge and readiness of the class to move on to a new topic.
- 5. Not all assessments on this schedule apply to all students.

## **STAGE 5 (YEAR 10) ENGLISH**



Task	Task Description	Skill / Component/ Topic	Outcomes	Weight (%)	Due Date
1	Collaboration – Advertisement and in-class test	Collaboration – Listening, Writing	EN5-1A, EN5-2A, EN5-5C, EN5-7D, EN5-9E		
2	Communication – Text Analysis/ Essay	Communication – Writing	EN5-1A, EN5-3B, EN5-4B, EN5-5C, EN5-6C	20	T2, W8
3	Critical Thinking – Shakespeare Multimodal task	Critical Thinking – Speaking, Viewing and Representing	EN5-2A, EN5-3B, EN5-4B, N5-7D, EN5-8D, EN5-9E	25	T3, W6
4	Yearly Examination	Reading/ Writing	EN5-1A, EN5-3B, EN5-4B, EN5-5C, EN5-8D	30 Read 15, Writing 15	T4, W4

- EN5-1A responds to and composes increasingly sophisticated and sustained texts for understanding, interpretation, critical analysis, imaginative expression and pleasure
- EN5-2A effectively uses and critically assesses a wide range of processes, skills, strategies and knowledge for responding to and composing a wide range of texts in different media and technologies
- EN5-3B selects and uses language forms, features and structures of texts appropriate to a range of purposes, audiences and contexts, describing and explaining their effects on meaning
- EN5-4B effectively transfers knowledge, skills and understanding of language concepts into new and different contexts
- EN5-5C thinks imaginatively, creatively, interpretively and critically about information and increasingly complex ideas and arguments to respond to and compose texts in a range of contexts
- EN5-6C investigates the relationships between and among texts
- EN5-7D understands and evaluates the diverse ways texts can represent personal and public worlds
- EN5-8D questions, challenges and evaluates cultural assumptions in texts and their effects on meaning
- EN5-9E purposefully reflects on, assesses and adapts their individual and collaborative skills with increasing independence and effectiveness

## **STAGE 5 (YEAR 10) GEOGRAPHY**



Task	Task Description	Skill / Component/ Topic	Outcomes	Weight (%)	Due Date
1	In class Test	Changing Places – Asian City	5.2, 5.3, 5.5, 5.7, 5.8	30	T1, W9
2	Project	Australia's Urban Future	5.2, 5.3, 5.5, 5.7, 5.8	30	T2, W9
4	Yearly Exam	All Topics	5.2, 5.3, 5.4, 5.5, 5.7, 5.8	40	T4, W4

- GE5-1 Explains the diverse features and characteristics of a range of places and environments
- GE5-2 Explains processes and influences that form and transform places and environments
- GE5-3 Analyses the effect of interactions and connections between people, places and environments
- GE5-4 Accounts for perspectives of people and organisations on a range of geographical issues
- GE5-5 Assesses management strategies for places and environments for their sustainability
- GE5-6 Analyses differences in human wellbeing and ways to improve human wellbeing
- GE5-7 Acquires and processes geographical information by selecting and using appropriate and relevant geographical tools for inquiry
- GE5-8 Communicates geographical information to a range of audiences using a variety of strategies

## **STAGE 5 (YEAR 10) HISTORY**



Task	Task Description	Skill / Component/ Topic	Outcomes	Weight (%)	Due Date
1	Source Analysis & Assessing Impact	Rights & Freedoms	5.1,5.2, 5.3, 5.5, 5.6, 5.9, 5.10	30	T2, W2
2	Research Task	Migration Experience 1945- present	5.1, 5.4, 5.7, 5.8, 5.9, 5.10	40	T3, W4
3	Yearly Exam	All Topics; focus on The Atomic Age	5.2, 5.6, 5.9 5.10	30	T4, W4

- HT5.1 Explains and assesses the historical forces and factors that shaped the modern world and Australia
- HT5.2 Sequences and explains the significant patterns of continuity and change in the development of the modern world and Australia
- HT5.3 Explains and analyses the motives and actions of past individuals and groups in the historical contexts that shaped the modern world and Australia
- HT5.4 Explains and analyses the causes and effects of events and developments in the modern world and Australia
- HT5.5 Identifies and evaluates the usefulness of sources in the historical inquiry process
- HT5.6 uses relevant evidence from sources to support historical narratives, explanations and analyses of the modern world and Australia
- HT5.7 Explains different perspectives and interpretations of the modern world and Australia
- HT5.8 Selects and analyses a range of historical sources to locate information relevant to an historical inquiry
- HT5.9 Uses historical terms and concepts in appropriate contexts
- HT5.10 Selects and uses appropriate oral, written, visual and digital forms to communicate effectively about the past for different audiences



Task	Task Description	Skill/Component/Topic	Outcomes	Weight (%)	Due Date
1	Examination	Algebraic Techniques, Linear Relationships, Right-Angled Triangles – Trigonometry general review and 3D objects	MA5.2-6NA, MA5.1-10MG, MA5.2-13MG, MA5.3-5NA	20	T1, W8
2 Half Yearly Examination	Previous topics, Solving Quadratics, Inequalities, Financial Mathematics – Simple and Compound Interest, Rates and Ratios (Direct and Inverse Proportions)	MA5.1-6NA, MA5.1-10MG, MA5.2-4NA, MA5.2-6NA, MA5.2-8NA, MA5.2-9NA, MA5.2-13MG, MA5.3-5NA, MA5.3-7NA, MA5.3-8NA	30	T2, W5	
3	Project Based Learning Task	"Critical Thinking" and "Communication"	MA5.1-1WM, MA5.1-2WM, MA5.1-3WM, MA5.2-1WM, MA5.2-2WM, MA5.2-3WM, MA5.3-1WM, MA5.3-2WM, MA5.3-3WM	15	T3, W9
4	Yearly Examination	Previous Topics, Interquartile Range, Bivariate Data Analysis, Probability, Simultaneous Equations, Non Linear Relationships, Further Trigonometry	MA5.1-5NA, MA5.2-5NA, MA5.2-8NA, MA5.2-15SP, MA5.2-16SP, MA5.2-17SP, MA5.3-18SP, MA5.3-19SP, MA5.3-4NA, MA5.3-11NA, MA5.2-14MG, MA5.3- 3WM, MA5.3-9NA, MA5.3-17MG	35	T4, W4
A student:         MA5.1-1WM       uses appropriate terminology, diagrams and symbols in mathematical contexts         MA5.1-2WM       selects and uses appropriate strategies to solve problems         MA5.1-3WM       provides reasoning to support conclusions that are appropriate to the context         MA5.1-4NA       solves financial problems involving earning, spending and investing money					

- MA5.1-5NA operates with algebraic expressions involving positive-integer and zero indices, and establishes the meaning of negative indices for numerical bases
- MA5.1-6NA determines the midpoint, gradient and length of an interval, and graphs linear relationships
- MA5.1-7NA graphs simple non-linear relationships
- MA5.1-8MG calculates the areas of composite shapes, and the surface areas of rectangular and triangular prisms
- MA5.1-9MG interprets very small and very large units of measurement, uses scientific notation, and rounds to significant figures
- MA5.1-10MG applies trigonometry, given diagrams, to solve problems, including problems involving angles of elevation and depression
- MA5.1-11MG describes and applies the properties of similar figures and scale drawings
- MA5.1-12SP uses statistical displays to compare sets of data, and evaluates statistical claims made in the media
- MA5.1-13SP calculates relative frequencies to estimate probabilities of simple and compound events
- MA5.2-1WM selects appropriate notations and conventions to communicate mathematical ideas and solutions

# STAGE 5 (YEAR 10) MATHEMATICS 5.3 – 5.2 cont..



A student:	
MA5.2-2WM	interprets mathematical or real-life situations, systematically applying appropriate strategies to solve problems
MA5.2-3WM	constructs arguments to prove and justify results
MA5.2-4NA	solves financial problems involving earning, spending and investing money
MA5.2-5NA	recognises direct and indirect proportion, and solves problems involving direct proportion
MA5.2-6NA	simplifies algebraic fractions, and expands and factorises quadratic expressions
MA5.2-7NA	applies index laws to operate with algebraic expressions involving integer indices
MA5.2-8NA	solves linear and simple quadratic equations, linear inequalities and linear simultaneous equations, using analytical and graphical techniques
MA5.2-9NA	uses the gradient-intercept form to interpret and graph linear relationships
MA5.2-10NA	connects algebraic and graphical representations of simple non-linear relationships
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
MA5.2-13MG	applies trigonometry to solve problems, including problems involving bearings
MA5.2-14MG	calculates the angle sum of any polygon and uses minimum conditions to prove triangles are congruent or similar
MA5.2-15SP	uses quartiles and box plots to compare sets of data, and evaluates sources of data
MA5.2-16SP	investigates relationships between two statistical variables, including their relationship over time
MA5.2-17SP	describes and calculates probabilities in multi-step chance experiments
MA5.3-1WM	uses and interprets formal definitions and generalisations when explain solutions and/or conjectures
MA5.3-2WM	generalises mathematical ideas and techniques to analyse and solve problems efficiently
MA5.3-3WM	uses deductive reasoning in presenting arguments and formal proofs
MA5.3-4NA	draws, interprets and analyses graphs of physical phenomena
MA5.3-5NA	selects and applies appropriate algebraic techniques to operate with algebraic expressions
MA5.3-6NA	performs operations with surds and indices
MA5.3-7NA	solves complex linear, quadratic, simple cubic and simultaneous equations, and rearranges literal equations
MA5.3-8NA	uses formulas to find midpoint, gradient and distance on the Cartesian plan, and applies standard forms of the equation of a straight line
MA5.3-9NA	sketches and interprets a variety of non-linear relationships
MA5.3-10NA	recognises, describes and sketches polynomials and applies the factor and remainder theorems to solve problems
MA5.3-11NA	uses the definitions of a logarithm to establish and apply the laws of logarithms
MA5.3-12NA	uses function notation to describe and sketch functions
MA5.3-13MG	applies formulas to find the surface areas of right pyramids, right cones, spheres and related composite solids
MA5.3-14MG	applies formulas to find the volumes of right pyramids, right cones, spheres and related composite solids
MA5.3-15MG	applies Pythagoras' theorem, trigonometric relationships, the sine rule, the cosine rule and the area rule to solve problems involving three dimensions
MA5.3-16MG	proves triangles are similar and uses formal geometric reasoning to establish properties of triangles and quadrilaterals
MA5.3-17MG	applies deductive reasoning to prove circle theorems and to solve related problems
MA5.3-18SP	uses standard deviation to analyse data
MA5.3-19SP	investigates the relationship between numerical variables using lines of best fit, and explores how data is used to inform decision-making processes



Task	Task Description	Skill/Component/Topic	Outcomes	Weight (%)	Due Date
1	Examination	Indices, Right-Angled Trigonometry	MA5.1-5NA, MA5.1-10MG, MA5.2- 7NA, MA5.2-9NA, MA5.2-13MG,	20	T1, W8
2	Half Yearly Examination	Previous Topics, Linear Relationships and Financial Mathematics	MA5.1-4NA, MA5.1-5NA, MA5.1-6NA, MA5.2-4NA, MA5.2-7NA, MA5.2-9NA, MA5.2-13MG	30	T2, W5
3	Project Based Learning Task	"Critical Thinking" and "Communication"	MA5.1-1WM, MA5.1-2WM, MA5.1- 3WM, MA5.2-1WM, MA5.2-2WM, MA5.2-3WM	15	T3, W9
4	Yearly Examination	Previous Topics, Rates and Ratios, Non- Linear Relationships, Properties of Geometric Figures, Inequalities, Single Variable Data Analysis and Bivariate Data Analysis, Simultaneous Equations, Probability, Surface Area and Volume	MA5.1-7NA, MA5.1-8MG, MA5.1-11MG, MA5.1-12SP, MA5.1-13SP, MA5.2-8NA, MA5.2-11MG, MA5.2 12MG, MA5.2-17SP, MA5.2-14MG, MA5.2-5NA, MA5.2-10NA, MA5.2- 15SP, MA5.2-16SP	35	T4, W4

- MA5.1-1WM uses appropriate terminology, diagrams and symbols in mathematical contexts
- MA5.1-2WM selects and uses appropriate strategies to solve problems
- MA5.1-3WM provides reasoning to support conclusions that are appropriate to the context
- MA5.1-4NA solves financial problems involving earning, spending and investing money
- MA5.1-5NA operates with algebraic expressions involving positive-integer and zero indices, and establishes the meaning of negative indices for numerical bases
- MA5.1-6NA determines the midpoint, gradient and length of an interval, and graphs linear relationships
- MA5.1-7NA graphs simple non-linear relationships
- MA5.1-8MG calculates the areas of composite shapes, and the surface areas of rectangular and triangular prisms
- MA5.1-9MG interprets very small and very large units of measurement, uses scientific notation, and rounds to significant figures
- MA5.1-10MG applies trigonometry, given diagrams, to solve problems, including problems involving angles of elevation and depression
- MA5.1-11MG describes and applies the properties of similar figures and scale drawings



A student.	
MA5.1-12SP	uses statistical displays to compare sets of data, and evaluates statistical claims made in the media
MA5.1-13SP	calculates relative frequencies to estimate probabilities of simple and compound events
MA5.2-1WM	selects appropriate notations and conventions to communicate mathematical ideas and solutions
MA5.2-2WM	interprets mathematical or real-life situations, systematically applying appropriate strategies to solve problems
MA5.2-3WM	constructs arguments to prove and justify results
MA5.2-4NA	solves financial problems involving earning, spending and investing money
MA5.2-5NA	recognises direct and indirect proportion, and solves problems involving direct proportion
MA5.2-6NA	simplifies algebraic fractions, and expands and factorises quadratic expressions
MA5.2-7NA	applies index laws to operate with algebraic expressions involving integer indices
MA5.2-8NA	solves linear and simple quadratic equations, linear inequalities and linear simultaneous equations, using analytical and graphical techniques
MA5.2-9NA	uses the gradient-intercept form to interpret and graph linear relationships
MA5.2-10NA	connects algebraic and graphical representations of simple non-linear relationships
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
MA5.2-13MG	applies trigonometry to solve problems, including problems involving bearings
MA5.2-14MG	calculates the angle sum of any polygon and uses minimum conditions to prove triangles are congruent or similar
MA5.2-15SP	uses quartiles and box plots to compare sets of data, and evaluates sources of data
MA5.2-16SP	investigates relationships between two statistical variables, including their relationship over time
MA5.2-17SP	describes and calculates probabilities in multi-step chance experiments



Task	Task Description	Skill/Component/Topic	Outcomes	Weighting %	Due Date
1	Examination	Indices, Algebraic Techniques, Right- Angled Trigonometry	MA5.1-5NA, MA5.1-10MG, MA5.2-6NA, MA5.2-7NA	20	T1, W8
2	Half Yearly Examination	Previous Topics, Right-Angled Trigonometry, Equations and Inequalities, Single Variable Data Analysis	MA5.1-10MG, MA5.2-13MG, MA5.2- 8NA, MA5.1-12SP, MA5.1-1WM, MA5.1-2WM, MA5.2-15SP	30	T2, W5
3	Project Based Learning Task	"Critical Thinking" and "Communication"	MA5.1-1WM, MA5.1-2WM, MA5.1-3WM	15	T3, W9
4	Yearly Examination	Previous Topics, Linear Relationships, Non-Linear Relationships, Properties of Geometric Figures, Financial Mathematics Simultaneous equations, Surface Area and Volume, Probability	MA5.1-7NA, MA5.1-11MG, MA5.1-8MG, MA5.1-13SP, MA5.2-4NA, MA5.1-7NA, MA5.1-4NA, MA5.2-8NA, MA5.2-11MG, MA5.2-12MG, MA5.2- 17SP, MA5.1-6NA, MA5.2-14MG, MA5.2-9NA	35	T4, W4
<b>student:</b> A5.1-1WN A5.1-2WN	M uses appropriate termi	nology, diagrams and symbols in mathems priate strategies to solve problems	atical contexts		

MA5.1-3WM provides reasoning to support conclusions that are appropriate to the context

MA5.1-4NA solves financial problems involving earning, spending and investing money

- MA5.1-5NA operates with algebraic expressions involving positive-integer and zero indices, and establishes the meaning of negative indices for numerical bases
- MA5.1-6NA determines the midpoint, gradient and length of an interval, and graphs linear relationships
- MA5.1-7NA graphs simple non-linear relationships
- MA5.1-8MG calculates the areas of composite shapes, and the surface areas of rectangular and triangular prisms
- MA5.1-9MG interprets very small and very large units of measurement, uses scientific notation, and rounds to significant figures
- MA5.1-10MG applies trigonometry, given diagrams, to solve problems, including problems involving angles of elevation and depression
- MA5.1-11MG describes and applies the properties of similar figures and scale drawings
- MA5.1-12SP uses statistical displays to compare sets of data, and evaluates statistical claims made in the media
- MA5.1-13SP calculates relative frequencies to estimate probabilities of simple and compound events
- MA5.2-4NA solves financial problems involving earning, spending and investing money
- MA5.2-6NA simplifies algebraic fractions, and expands and factorises quadratic expressions
- MA5.2-7NA applies index laws to operate with algebraic expressions involving integer indices
- MA5.2-9NA uses the gradient-intercept form to interpret and graph linear relationships

## **STAGE 5 (YEAR 10) PERSONAL DEVELOPMENT, HEALTH & PHYSICAL EDUCATION**



Task	Task Description	Skill/Component/Topic	Outcomes	Weight (%)	Due Date
1	Dance Practical	Collaborative dance movements	5.4, 5.13	25	T1, W9/10
2	Multimedia Presentation	Safe and unsafe behaviours	5.6	25	T1, W9/10
3	Practical Assessment Team Games	Games skills, tactical application and performance	5.4	25	T3, W7-10
4	Yearly Examination	All content Term 1 – 4	5.2, 5.3, 5.6, 5.7, 5.16	25	T4 <i>,</i> W4

Self and relationship	S	5.1	analyses how they can support their own and others' sense of self
		5.2	evaluates their capacity to reflect on and respond positively to challenges
		5.3	analyses factors that contribute to positive, inclusive and satisfying relationships
Movement skill and	performa	nce 5.4	adapts, transfers and improvises movement skills and concepts to improve performance
		5.5	composes, performs and appraises movement in a variety of challenging contexts
Individual and comm	unity hea	alth 5.6	analyses attitudes, behaviours and consequences related to health issues affecting young people
		5.7	analyses influences on health decision making and develops strategies to promote health and safe behaviours
		5.8	critically analyses health information, products and services to promote health
Lifelong physical acti	vity	5.9	formulates goals and applies strategies to enhance participation in lifelong physical activity
		5.10	adopts roles to enhance their own and others' enjoyment of physical activity
Communicating	5.11	adapts and ev	aluates communication skills and strategies to justify opinions, ideas and feelings in increasingly complex situations
Decision making	5.12	adapts and ap	plies decision making processes and justifies their choices in increasingly demanding contexts
Interacting	5.13	adopts roles a	nd responsibilities that enhance group cohesion and the achievement of personal and group objectives
Moving	5.14	confidently us	es movement to satisfy personal needs and interests
Planning	5.15	devises, justif	ies and implements plans that reflect a capacity to prioritise, think creatively and use resources effectively
Problem Solving	5.16	predicts poter	ntial problems and develops, justifies and evaluates solutions

## **STAGE 5 (YEAR 10) SCIENCE**



Task	Task Description	Topic/Unit	Outcomes	Weight (%)	Due Date
1	Motion Depth Study	Physics	SC5-10PW, SC5-11PW	20	T1, W8
2	Physics & Chemistry Exam	Physics & Chemistry	SC5-4WS, SC5-9WS, SC5-10PW SC5-16CW, SC5-17CW	20	T2, W6
3	Student Research Project	Experimental Design	SC5-5WS, SC5-6WS, SC5-7WS	30	T3, W7 Handed out T2, W10
4	Yearly Examination	All topics	SC5-4WS – SC5-9WS, SC5-10PW – SC5-17CW	30	T4, W4

- SC5-1VA appreciates the importance of science in their lives and the role of scientific inquiry in increasing understanding of the world around them
- SC5-2VA shows a willingness to engage in finding solutions to science-related personal, social and global issues, including shaping sustainable futures
- SC5-3VA demonstrates confidence in making reasoned, evidence-based decisions about the current and future use and influence of science and technology
- SC5-4WS develops questions or hypotheses to be investigated scientifically
- SC5-5WS produces a plan to investigate identified questions, hypotheses or problems, individually and collaboratively
- SC5-6WS undertakes first-hand investigations to collect valid and reliable data and information, individually and collaboratively
- SC5-7WS processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions
- SC5-8WS applies scientific understanding and critical thinking skills to suggest possible solutions to identified problems
- SC5-9WS presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations
- SC5-10PW applies models, theories and laws to explain situations involving energy, force and motion
- SC5-11PW explains how scientific understanding about energy conservation, transfers and transformations is applied in systems
- SC5-12ES describes changing ideas about the structure of the Earth and the universe to illustrate how models, theories and laws are refined over time by the scientific community
- SC5-13ES explains how scientific knowledge about global patterns of geological activity and interactions involving global systems can be used to inform decisions related to contemporary issues
- SC5-14LW analyses interactions between components and processes within biological systems
- SC5-15LW explains how biological understanding has advanced through scientific discoveries, technological developments and the needs of society
- SC5-16CW explains how models, theories and laws about matter have been refined as new scientific evidence becomes available
- SC5-17CW discusses the importance of chemical reactions in the production of a range of substances, and the influence of society on the development of new materials

## **STAGE 5 (YEAR 10) CHILD STUDIES**

Task	Task Description	Topic/Unit	Outcomes	Weight (%)	Due Date
1	Research and Oral Presentation	Skills in communication Health and Safety in Childhood	2.1, 4.2	30	T1, W8
2	Half Yearly Examination	Knowledge and Understanding Health and Safety in Childhood	1.2, 2.3, 3.2, 3.3	20	T2, W5/6
3	Research and Design	Food and Nutrition in Childhood Research and Communication Media and Technology	2.1, 2.2, 4.3	30	T3, W9
4	Yearly Examination	Knowledge and Understanding Media and Technology Children and Culture	1.2, 1.3, 3.3	20	T4, W6

- 1.1 identifies the characteristics of a child at each stage of growth and development
- 1.2 describes the factors that affect the health and wellbeing of the child
- 1.3 analyses the evolution of childhood experiences and parenting roles over time
- 2.1 plans and implements engaging activities when educating and caring for young children within a safe environment
- 2.2 evaluates strategies that promote the growth and development of children
- 2.3 describes a range of appropriate parenting practices for optimal growth and development
- 3.1 discusses the importance of positive relationships on the growth and development of children
- 3.2 evaluates the role of community resources that promote and support the wellbeing of children and families
- 3.3 analyses the interrelated factors that contribute to creating a supportive environment for optimal child development and wellbeing
- 4.1 demonstrates a capacity to care for children in a positive, understanding and tolerant manner in a variety of settings and contexts
- 4.2 analyses and compares information from a variety of sources to develop an understanding of child growth and development
- 4.3 applies appropriate evaluation techniques when creating, discussing and assessing information related to child growth and development



Task	Task Description	Skill / Component/ Topic	Outcomes	Weight (%)	Due Date
1	Research Task	Law and Society	5.1, 5.2, 5.3, 5.7, 5.8, 5.9	30	T1, W8
2	Project	Running a Business	5.2, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9	30	This task will be submitted in sections The Practical element – Planning TBA – approx. W7/8 Market stall T3, W5 Business Report T3, W7
3	Yearly Examination	All Topics	5.1, 5.2, 5.3, 5.4, 5.5	40	T4, W4

- 5.1 Applies consumer, financial, business, legal and employment concepts and terminology in a variety of contexts.
- 5.2 Analyses the rights and responsibilities of individuals in a range of consumer, financial, business, legal and employment contexts.
- 5.3 Examines the role of law in society.
- 5.4 Analyses key factors affecting commercial and legal decisions.
- 5.5 Evaluates options for solving commercial and legal problems and issues
- 5.6 Monitors and modifies the implementation of plans designed to solve commercial and legal problems and issues.
- 5.7 Researches and assesses commercial and legal information using a variety of sources.
- 5.8 Explains commercial and legal information using a variety of forms.
- 5.9 Works independently and collaboratively to meet individual and collective goals within specified timelines.

## **STAGE 5 (YEAR 10) DESIGN & TECHNOLOGY**

Task	Task Description	Skill / Component/ Topic	Outcomes	Weighting (%)	Due Date
1	Design project and portfolio	ТВА	5.1.1, 5.3.2, 5.4.1	40	T2, W4
2	Design project and portfolio	ТВА	5.1.2, 5.5.1, 5.6.3	40	T4, W1
3	Yearly Examination	Design concepts and processes	5.1.1, 5.2.1	20	T4, W4

- DT5-1 analyses and applies a range of design concepts and processes
- DT5-2 applies and justifies an appropriate process of design when developing design ideas and solutions
- DT5-3 evaluates and explains the impact of past, current and emerging technologies on the individual, society and environments
- DT5-4 analyses the work and responsibilities of designers and the factors affecting their work
- DT5-5 evaluates designed solutions that consider preferred futures, the principles of appropriate technology, and ethical and responsible design
- DT5-6 develops and evaluates creative, innovative and enterprising design ideas and solutions
- DT5-7 uses appropriate techniques when communicating design ideas and solutions to a range of audiences
- DT5-8 selects and applies management strategies when developing design solutions
- DT5-9 applies risk management practices and works safely in developing quality design solutions
- DT5-10 selects and uses a range of technologies competently in the development and management of quality design solutions

## **STAGE 5 (YEAR 10) DRAMA**



Task	Task Description	Skill / Component/ Topic	Outcomes	Weight (%)	Due Date
1	Melodrama a. Group designed performance b. Logbook questions	<ul><li>a. Making and Performing</li><li>b. Appreciating</li></ul>	5.1.1, 5.2.1 5.1.2	15 5	T1, W8
2	Half Yearly Examination a. Performance of scripted Realism scene b. Essay on Physical theatre and Stanivlavski	a. Making and Performing b. Appreciating	5.1.1, 5.2.2 5.3.1, 5.3.2	10 15	T2, W3
3	Musical Theatre Project a. Performance/Promotional pack/Research task b. Review or reflection	a. Making and Performing b. Appreciating	5.1.4, 5.2.3 5.3.2	15 15	T3, W4
4	Yearly Examination a. Epic theatre scenes b. Written essay on Epic theatre	<ul><li>a. Making and Performing</li><li>b. Appreciating</li></ul>	5.2.1, 5.1.3 5.3.1, 5.3.3	15 10	T4, W5 T4, W6

- 5.1.1 manipulates the elements of drama to create belief, clarity and tension in character, role, situation and action
- 5.1.2 contributes, selects, develops and structures ideas in improvisation and playbuilding
- 5.1.3 devises, interprets and enacts drama using scripted and unscripted material or text
- 5.1.4 explores, structures and refines ideas using dramatic forms, performance styles, dramatic techniques, theatrical conventions and technologies
- 5.2.1 applies acting and performance techniques expressively and collaboratively to communicate dramatic meaning
- 5.2.2 selects and uses performance spaces, theatre conventions and production elements appropriate to purpose and audience
- 5.2.3 employs a variety of dramatic forms, performance styles, dramatic techniques, theatrical conventions and technologies to create dramatic meaning
- 5.3.1 responds to, reflects on and evaluates elements of drama, dramatic forms, performance styles, dramatic techniques and theatrical conventions
- 5.3.2 analyses the contemporary and historical contexts of drama
- 5.3.3 analyses and evaluates the contribution of individuals and groups to processes and performances in drama using relevant drama concepts and terminology.

## **STAGE 5 (YEAR 10) FOOD TECHNOLOGY**



Task	Task Description	Topic/Unit	Outcomes	Weight (%)	Due Date
1	Research and Presentation	Food In Australia	5.3.2, 5.6.1	30	T1, W8/9/10
2	Own Creation	Food Product Development	5.5.1, 5.5.2, 5.6.1	40	T3, W6/7
3	Yearly Examination	Food Service and Catering, Food Trends	5.1.2, 5.6.2	30	T4, W4

- 5.1.1 demonstrates hygienic handling of food to ensure a safe and appealing product
- 5.1.2 identifies, assesses and manages the risks of injury and OHS issues associated with the handling of food
- 5.2.1 describes the physical and chemical properties of a variety of foods
- 5.2.2 accounts for changes to the properties of food which occur during food processing, preparation and storage
- 5.2.3 applies appropriate methods of food processing, preparation and storage
- 5.3.1 describes the relationship between food consumption, the nutritional value of foods and the health of individuals and communities
- 5.3.2 justifies food choices by analysing the factors that influence eating habits
- 5.4.1 collects, evaluates and applies information from a variety of sources
- 5.4.2 communicates ideas and information using a range of media and appropriate terminology
- 5.5.1 selects and employs appropriate techniques and equipment for a variety of food-specific purposes
- 5.5.2 plans, prepares, presents and evaluates food solutions for specific purposes
- 5.6.1 examines the relationship between food, technology and society
- 5.6.2 evaluates the impact of activities related to food on the individual, society and the environment



# **STAGE 5 (YEAR 10) GAT / STEM ELECTIVE**

Task	Task Description	Skill / Component/ Topic	Outcomes	Weight (%)	Due Date
1	Project and presentation	Student choice	Outcomes will come from the Science, Industrial Technology and Mathematics syllabi and depend		T1, W10
2	Project and presentation	Student choice from list		NA	T3, W10
3	Project and presentation	Local Issue	on individual projects.		T4, W7



## **STAGE 5 (YEAR 10) HISTORY ELECTIVE**

Task	Task Description	Skill / Component/ Topic	Outcomes	Weight (%)	Due Date
1	Research Written Task	Thematic Study (3)	5.1, 5.2, 5.5, 5.6, 5.9, 5.10	30	T1, W8
2	Collaborative Task	Constructing History (1)	5.1, 5.4, 5.7, 5.8, 5.9, 5.10	40	T2, W9
3	Topic Exam	Societies, Thematic, Constructing	5.3, 5.4, 5.5, 5.7, 5.9, 5.10	30	T4, W4

- 5.1 applies an understanding of history, heritage, archaeology and the methods of historical inquiry
- 5.2 examines the ways in which historical meanings can be constructed through a range of media
- 5.3 sequences major historical events to show an understanding of continuity, change and causation
- 5.4 explains the importance of key features of past societies or periods, including groups and personalities
- 5.5 evaluates the contribution of cultural groups and sites to our understanding of History
- 5.6 identifies, comprehends and evaluates historical sources and uses them appropriately in an historical inquiry
- 5.7 explains different perspectives and interpretations of the past
- 5.8 researches relevant historical information from a variety of sources
- 5.9 uses historical terms and concepts in appropriate contexts
- 5.10 communicates using appropriate terminology in a range of written, oral and other forms

## **STAGE 5 (YEAR 10) INDUSTRIAL TECHNOLOGY - ENGINEERING**



Task	Task Description	Skill / Component/ Topic	Outcomes	Weight (%)	Due Date
1	Project 1 (Control Systems)	Practical and Folio Component	5.1.2, 5.2.1, 5.2.2, 5.3.2, 5.4.2	40	T2, W2
2	Project 2 (Alternative Energy)	Practical and Folio Component	5.1.1, 5.2.2, 5.3.1, 5.4.1, 5.6.1	40	T4, W2
3	Yearly Examination	Scope, Knowledge and Understanding, Management	5.1.1, 5.2.2, 5.4.1	20	T4, W4

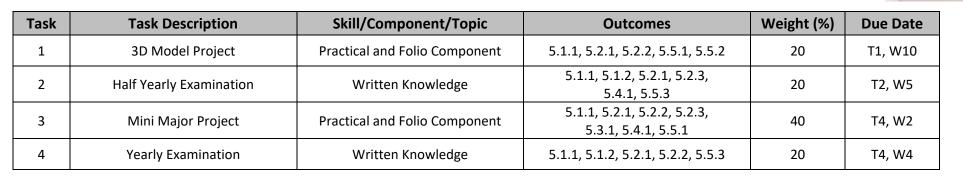
- 5.1.1 identifies, assesses and manages the risks and OHS issues associated with the use of a range of materials, hand tools, machine tools and processes
- 5.1.2 applies OHS practices to hand tools, machine tools, equipment and processes
- 5.2.1 applies design principles in the modification, development and production of projects
- 5.2.2 identifies, selects and competently uses a range of hand and machine tools, equipment and processes to produce quality practical projects
- 5.3.1 justifies the use of a range of relevant and associated materials
- 5.3.2 selects and uses appropriate materials for specific applications
- 5.4.1 selects, applies and interprets a range of suitable communication techniques in the development, planning, production and presentation of ideas and projects
- 5.4.2 works cooperatively with others in the achievement of common goals
- 5.5.1 applies and transfers acquired knowledge and skills to subsequent learning experiences in a variety of contexts and projects
- 5.6.1 evaluates products in terms of functional, economic, aesthetic and environmental qualities and quality of construction
- 5.7.1 describes, analyses and uses a range of current, new and emerging technologies and their various applications
- 5.7.2 describes, analyses and evaluates the impact of technology on society, the environment and cultural issues locally and globally

## **STAGE 5 (YEAR 10) INDUSTRIAL TECHNOLOGY - TIMBER**

Task	Task Description         Skill / Component/ Topic         Outcomes		Weight (%)	Due Date	
1	Project 1	Practical and Folio Component	5.1.2, 5.2.1, 5.2.2, 5.3.2, 5.4.2	40	T2, W2
2	Project 2	Practical and Folio Component	5.1.1, 5.2.2, 5.3.1, 5.4.1, 5.6.1	40	T4, W2
3	Yearly Examination	Scope, Knowledge, Understanding and Management	5.1.1, 5.2.2, 5.4.1	20	T4, W4

- 5.1.1 identifies, assesses and manages the risks and OHS issues associated with the use of a range of materials, hand tools, machine tools and processes
- 5.1.2 applies OHS practices to hand tools, machine tools, equipment and processes
- 5.2.1 applies design principles in the modification, development and production of projects
- 5.2.2 identifies, selects and competently uses a range of hand and machine tools, equipment and processes to produce quality practical projects
- 5.3.1 justifies the use of a range of relevant and associated materials
- 5.3.2 selects and uses appropriate materials for specific applications
- 5.4.1 selects, applies and interprets a range of suitable communication techniques in the development, planning, production and presentation of ideas and projects
- 5.4.2 works cooperatively with others in the achievement of common goals
- 5.5.1 applies and transfers acquired knowledge and skills to subsequent learning experiences in a variety of contexts and projects
- 5.6.1 evaluates products in terms of functional, economic, aesthetic and environmental qualities and quality of construction
- 5.7.1 describes, analyses and uses a range of current, new and emerging technologies and their various applications
- 5.7.2 describes, analyses and evaluates the impact of technology on society, the environment and cultural issues locally and globally

## **STAGE 5 (YEAR 10) INDUSTRIAL TECHNOLOGY - MULTIMEDIA**



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- 5.1.1 identifies, assesses and manages the risks and OHS issues associated with the use of a range of materials, hand tools, machine tools and processes
- 5.1.2 applies OHS practices to hand tools, machine tools, equipment and processes
- 5.2.1 applies design principles in the modification, development and production of projects
- 5.2.2 identifies, selects and competently uses a range of hand and machine tools, equipment and processes to produce quality practical projects
- 5.3.1 justifies the use of a range of relevant and associated materials
- 5.3.2 selects and uses appropriate materials for specific applications
- 5.4.1 selects, applies and interprets a range of suitable communication techniques in the development, planning, production and presentation of ideas and projects
- 5.4.2 works cooperatively with others in the achievement of common goals
- 5.5.1 applies and transfers acquired knowledge and skills to subsequent learning experiences in a variety of contexts and projects
- 5.6.1 evaluates products in terms of functional, economic, aesthetic and environmental qualities and quality of construction
- 5.7.1 describes, analyses and uses a range of current, new and emerging technologies and their various applications
- 5.7.2 describes, analyses and evaluates the impact of technology on society, the environment and cultural issues locally and globally

## **STAGE 5 (YEAR 10) INFORMATION AND SOFTWARE TECHNOLOGY**



Task	Task Description	Skill/Component/Topic	Outcomes	Weight (%)	Due Date
1	Digital Media Project	Digital Media	5.1.1, 5.2.1, 5.2.2, 5.5.1, 5.5.2	25	T1, W10
2	Half-Yearly Examination	Multimedia/Digital Media	5.1.1, 5.1.2, 5.2.1, 5.4.1, 5.5.3	20	T2, W4
3	Robotics Project	Robotic Systems	5.1.2, 5.2.1, 5.2.2, 5.2.3, 5.3.1, 5.4.1, 5.5.1	30	T3, W9
4	Yearly Examination	Robotics and AI Systems	5.1.1, 5.1.2, 5.2.1, 5.2.2, 5.5.3	25	T4,W4

- 5.1.1 selects and justifies the application of appropriate software programs to a range of tasks
- 5.1.2 selects, maintains and appropriately uses hardware for a range of tasks
- 5.2.1 describes and applies problem-solving processes when creating solutions
- 5.2.2 designs, produces and evaluates appropriate solutions to a range of challenging problems
- 5.2.3 critically analyses decision-making processes in a range of information and software solutions
- 5.3.1 justifies responsible practices and ethical use of information and software technology
- 5.3.2 acquires and manipulates data and information in an ethical manner
- 5.4.1 analyses the effects of past, current and emerging information and software technologies on the individual and society
- 5.5.1 applies collaborative work practices to complete tasks
- 5.5.2 communicates ideas, processes and solutions to a targeted audience
- 5.5.3 describes and compares key roles and responsibilities of people in the field of information and software technology



Task	Task Description	Task Description         Skill / Component/ Topic         Outcomes		Weight (%)	Due Date
1	a) Performance	<ul> <li>a) Performance as a soloist or as part of a small ensemble, piece of own choice.</li> </ul>	5.1, 5.3	10	T1, W7/8
	b) Composition	b) Composition – Music and Technology	5.4, 5.5, 5.6, 5.10	10	In double TBC
2	Half Yearly Examination Written / Performance	a. Performance – own choice b. Aural/Musicology – <i>Music and Technology</i>	5.7, 5.8, 5.9 5.1, 5.2	20 10	T2, W3/4 T2, W9/10
3	Musicology Research + Aural	Topic 2 – Music for Large Ensembles	5.7, 5.8, 5.10	15	T3, W4/5
4	Yearly Examination Written / Performance	<ul> <li>a. Performance - <i>own choice</i></li> <li><i>b.</i> Aural/Musicology Topic 3 - Jazz</li> </ul>	5.7, 5. 9, 5.10 5.1, 5.2, 5.3	20 15	T4, W5/6 In double TBC

- 5.1 performs repertoire with increasing levels of complexity in a range of musical styles demonstrating an understanding of the musical concepts
- 5.2 performs repertoire in a range of styles and genres demonstrating interpretation of musical notation and the application of different types of technology
- 5.3 performs music selected for study with appropriate stylistic features demonstrating solo and ensemble awareness
- 5.4 demonstrates an understanding of the musical concepts through improvising, arranging and composing in the styles or genres of music selected for study
- 5.5. notates own compositions, applying forms of notation appropriate to the music selected for study
- 5.6 uses different forms of technology in the composition process
- 5.7 demonstrates an understanding of musical concepts through the analysis, comparison, and critical discussion of music from different stylistic, social, cultural and historical contexts
- 5.8 demonstrates an understanding of musical concepts through aural identification, discrimination, memorisation and notation in the music selected for study
- 5.9 demonstrates an understanding of musical literacy through the appropriate application of notation, terminology, and the interpretation and analysis of scores used in the music selected for study
- 5.10 demonstrates and understanding of the the influence and impact of technology on music
- 5.11 demonstrates an appreciation, tolerance and respect for the aesthetic value of music as an artform
- 5.12 demonstrates a developing confidence and willingness to engage in performing, composing and listening experiences

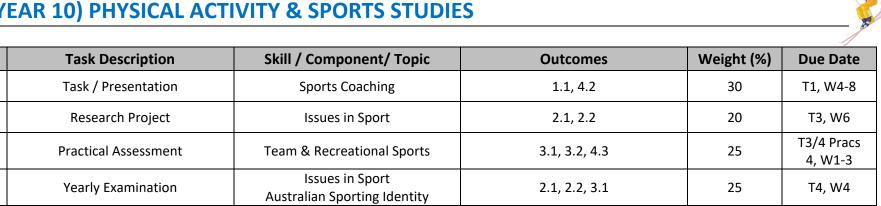
## **STAGE 5 (YEAR 10) PHOTOGRAPHIC AND DIGITAL MEDIA**



Task	Task Description	Skill / Component/ Topic	Outcomes	Weight (%)	Due Date
1	Portfolio 1	Photography Making	5.1, 5.2, 5.4, 5.6	30	T2, W4/5
2	Critical/Historical Task	Critical/Historical analysis	5.7, 5.8, 5.9, 5.10	40	T4, W4
3	Portfolio 2	Photography Making	5.1, 5.3, 5.4, 5.5	30	T4, W4/5

- 5.1 develops range and autonomy in selecting and applying photographic and digital conventions and procedures to make photographic and digital works
- 5.2 makes photographic and digital works informed by their understanding of the function of and relationships between artist–artwork–world–audience
- 5.3 makes photographic and digital works informed by an understanding of how the frames affect meaning
- 5.4 investigates the world as a source of ideas, concepts and subject matter for photographic and digital media works
- 5.5 makes informed choices to develop and extend concepts and different meanings in their photographic and digital works
- 5.6 selects appropriate procedures and techniques to make and refine photographic and digital works
- 5.7 applies their understanding of aspects of practice to critically and historically interpret photographic and digital works
- 5.8 uses their understanding of the function of and relationships between the artist–artwork–world–audience in critical and historical interpretations of photographic and digital works
- 5.9 uses the frames to make different interpretations of photographic and digital works
- 5.10 constructs different critical and historical accounts of photographic and digital works

## **STAGE 5 (YEAR 10) PHYSICAL ACTIVITY & SPORTS STUDIES**



#### A student:

Task

1

2

3

4

- 1.1 discusses factors that limit and enhance the capacity to move and perform
- 1.2 analyses the benefits of participation and performance in physical activity and sport
- 2.1 discusses the nature and impact of historical and contemporary issues in physical activity and sport
- 2.2 analyses physical activity and sport from personal, social and cultural perspectives
- 3.1 demonstrates actions and strategies that contribute to enjoyable participation and skilful performance
- 3.2 evaluates the characteristics of enjoyable participation and quality performance in physical activity and sport
- works collaboratively with others to enhance participation, enjoyment and performance 4.1
- 4.2 displays management and planning skills to achieve personal and group goals
- 4.3 performs movement skills with increasing proficiency
- 4.4 analyses and appraises information, opinions and observations to inform physical activity and sport decisions

## **STAGE 5 (YEAR 10) VISUAL ARTS**



Task	Task Description	Skill / Component/ Topic	Outcomes	Weight (%)	Due Date
1	Critical/Historical Task	Critical/Historical	5.7, 5.10	20	T1, W9
2	Semester 1 Body of Work	Art Making	5.1, 5.2, 5.5, 5.6	30	T2, W5
3	Yearly Examination	Critical/Historical	5.8, 5.9	20	T4, W4
4	Semester 2 Body of Work	Art Making	5.4, 5.5	30	T4, W4/5

- 5.1 develops range and autonomy in selecting and applying visual arts conventions and procedures to make artworks
- 5.2 makes artworks informed by their understanding of the function of and relationships between artist artwork world audience
- 5.3 makes artworks informed by an understanding of how the frames affect meaning
- 5.4 investigates the world as a source of ideas, concepts and subject matter in the visual arts
- 5.5 makes informed choices to develop and extend concepts and different meanings in their artworks
- 5.6 demonstrates developing technical accomplishment and refinement in making artworks
- 5.7 applies their understanding of aspects of practice to critical and historical interpretations of art
- 5.8 uses their understanding of the function of and relationships between artist artwork world audience in critical and historical interpretations of art
- 5.9 demonstrates how the frames provide different interpretations of art
- 5.10 demonstrates how art criticism and art history construct meanings



Task	Task Description	Skill / Component/ Topic	Outcomes	Weight (%)	Due Date
1	Critical / Historical Task	Critical / Historical	5.8, 5.9, 5.10	15	T1, W8
2	Portfolio 1	Art Making	5.1, 5.2, 5.4, 5.5	25	T2, W4/5
3	Critical / Historical Task	Critical / Historical	5.7, 5.8, 5.9, 5.10	25	T3, W8
4	Portfolio 2	Art Making	5.1, 5.3, 5.4, 5.6	35	T4, W4/5

- 5.1 develops autonomy in selecting and applying visual design conventions and procedures to make visual design artworks
- 5.2 makes visual design artworks informed by their understanding of the function of and relationships between artist artwork world audience
- 5.3 makes visual design artworks informed by an understanding of how the frames affect meaning
- 5.4 investigates and responds to the world as a source of ideas, concepts and subject matter for visual design artworks
- 5.5 makes informed choices to develop and extend concepts and different meanings in their visual design artworks
- 5.6 selects appropriate procedures and techniques to make and refine visual design artworks
- 5.7 applies their understanding of aspects of practice to critically and historically interpret visual design artworks
- 5.8 uses their understanding of the function of and relationships between artist artwork world audience in critical and historical interpretations of visual design artworks
- 5.9 uses the frames to make different interpretations of visual design artworks
- 5.10 constructs different critical and historical accounts of visual design artworks

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## Stage 5 - Illness and Misadventure Form

## Section A – Appeal Details

Date/s of Absence:		Subject	Teacher	Assessm	ent / Examination	Original Date D
Date/s of Absence:						
Details of the effect on my performance are:						
illness which occurred immediately before or during the assessment/ examination(s) as set ou   I declare that all the information I have supplied is true and have attached appropriate docume   This is an appeal for: Special Consideration   I To submit/sit the task on an Alternative Date: Image: I						
(to be detached and kept by the student)		-		•		-
ction B – Decision Details         tcome:       Approved / Declined       DP Sign: Date:         mment:		an appeal for:	Special Consider	ation 🛛 An	Estimate 🛛 Aı	n Alternate Task
mment:	This is a Student	an appeal for:	Special Consider	ation	Estimate An Iternative Date:	n Alternate Task
<i>tifications:</i>	This is a Student	an appeal for:	Special Consider To submit/sit the P	ation	Estimate An Iternative Date:	n Alternate Task
	This is a Student	an appeal for: D Sign: Decision Detai Approved / Dec	Special Consider To submit/sit the P Construction (to be detained	ation 🗆 An task on an A arent Sign: [ ched and kept by t DP Sign:	Estimate An Iternative Date:	n Alternate Task

Kellyville High School Learning | Excellence | Integrity



Stage 5 Request for Review of Assessment						
Name:		Class:				
Subject:		Teacher:				
Task:		Due Date:				
Reason for revi	ew:					
Supporting evid	dence:					
APPROVED / N	OT APPROVED					
Comment:						
Deputy Principal	:	Date:				
Notifications:	□ Student/Parent	□ Staff/Executive/LST	□ File			

### S'RREAL – ENGAGED ACTIVE LEARNERS: INDIVIDUAL ASSESSMENT CALENDAR

## **TERM 1 2020**

	WEEK	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT / SUN
JANUARY 27 – 31	1	Public Holiday AUSTRALIA DAY	School Development Day — Staff Only —	#FirstFewDays	#FirstFewDays	YEAR 10 RETURN #FirstFewDays	
FEBRUARY 03 – 07	2		TOTAL BBQ (5.00pm)				
FEBRUARY 10 – 14	3						
FEBRUARY 17 – 21	4	School Photos				Swimming Carnival *all students to attend	
FEBRUARY 24 – 28	5						
MARCH 02 – 06	6						
MARCH 09 – 13	7						
MARCH 16 – 20	8						
MARCH 23 – 27	9						
MAR 30 – APR 03	10						
APRIL 06 – 10	11					Public Holiday GOOD FRIDAY	
APRIL		School Holidays	School Holidays	School Holidays	School Holidays	School Holidays	
APRIL		School Holidays	School Holidays	School Holidays	School Holidays	School Holidays	

## **TERM 2 2020**

	WEEK	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT / SUN
APR 27 – MAY 01	1	School Development Day — Staff Only —					
MAY 04 – 08	2					Athletics Carnival *all students to attend	
MAY 11 – 15	3						
MAY 18 – 22	4						
MAY 25 – 29	5						
JUNE 01 – 05	6						
JUNE 08 – 12	7	Public Holiday QUEEN'S BIRTHDAY					
JUNE 15 – 19	8						
JUNE 22 – 26	9						
JUN 29 – JUL 03	10		8 / 9 / 10 PT night 3.30 – 7.30pm				
JULY		School Holidays	School Holidays	School Holidays	School Holidays	School Holidays	
JULY		School Holidays	School Holidays	School Holidays	School Holidays	School Holidays	

## **TERM 3 2020**

	WEEK	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT / SUN
JULY 20 – 24	1	School Development Day - Staff Only -	#Second2Days	# Second2Days			
JULY 27 – 31	2						
AUGUST 03 – 07	3						
AUGUST 10 – 14	4						
AUGUST 17 – 21	5						
AUGUST 24 – 28	6						
AUG 31 – SEPT 04	7						
SEPTEMBER 07 – 11	8						
SEPTEMBER 14 – 18	9						
SEPTEMBER 21 – 25	10						
SEPT/OCT		School Holidays	School Holidays	School Holidays	School Holidays	School Holidays	
SEPT/OCT		School Holidays	School Holidays	School Holidays	School Holidays	School Holidays	

## **TERM 4 2020**

	WEEK	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT / SUN
OCTOBER 12 – 16	1						
OCTOBER 19 – 23	2						
OCTOBER 26 – 30	3						
NOVEMBER 02 – 06	4	YEAR 10 YEARLY EXAMINATION PERIOD					
NOVEMBER 09 – 13	5						
NOVEMBER 16 – 20	6						
NOVEMBER 23 – 27	7						
NOV 30 – DEC 04	8						
DECEMBER 07 – 11	9						
DECEMBER 14 – 18	10	Presentation Day 10am – 12pm			School Development Day — Staff Only —	School Development Day — Staff Only —	