

Northern Beaches Secondary College
Balgowlah Boys Campus



Stage 5
Information Booklet

Stage 5

Year 9 2019
Year 10 2020

CONTENTS

Principal's Introduction.....	1
Deputy Principal – Moving to Yr 9 & 10	2
Choosing Your Electives	3
Core Subjects	
English	6
Mathematics	6
Science.....	7
Geography	8
History	8
Elective Subjects	
Commerce.....	13
Drama.....	14
Visual Arts.....	15
Music.....	16
French.....	17
Japanese	18
Physical Activity and Sport Studies.....	19
Design and Technology.....	20
Food Technology	21
Industrial Technology Timber.....	22
Information & Software Design.....	23
Industrial Technology – Multimedia	24
Industrial Technology – Engineering.....	25
Work Education/Manufacturing Pathways.....	26
Year 9 2019 and Year 10 2020 Elective Subject Selection Form.....	29

Northern Beaches Secondary College Balgowlah Boys Campus

Principal's Introduction

At the end of this year students in Year 8 will have finished Stage 4 of their education, which is often regarded as having completed an introduction to high school. During Years 7 and 8, all students study the same subjects, the only choice available being the language option studied in Year 8. The courses students follow at Balgowlah Boys are very similar to those followed by students at other high schools.

Students have the opportunity to make decisions, in consultation with parents and staff, about which subjects they will study in Years 9 and 10. All students must study English, Mathematics, Science, History, Geography and PDHPE as Core subjects. Students will then need to select **two** elective subjects, which will be studied for the next two years and be presented for the **Record of School Achievement (ROSA)**.

This booklet has been prepared to help make decisions that are important to a student's future education.

Paul Sheather
Principal

Deputy Principal – Moving to Yr 9 & 10

The next 2 years are extremely important years for your son as he progresses from childhood to adulthood. Years 9 & 10 at our school will help him develop socially, emotionally and academically.

As your son enters the final term of Year 8 it is important that you and he discuss the elective choices he will make for the next stage of learning. Years 9 & 10 will consolidate the knowledge & skills necessary to transition successfully into senior school.

Also, in Years 9 and 10 there are many opportunities for students to develop their social and leadership skills through involvement in peer tutoring, music ensembles, sporting teams, student representative council and societies such as chess, environment and hall crew.

It is through the above experiences that students achieve the focus and motivation to achieve highly in their academic studies.

Please do not hesitate to contact me, Mr Katz or Mr Mills at any time.

Ian James
Deputy Principal

Choosing Your Electives

Students will be asked to choose **two** subjects from the list below.

These subjects are studied for two years.

Students will be asked to provide in priority order, their first four subject choices: ie, Number 1 is your first choice and Number 4 your last choice.

Please see appendix A at the back of this booklet. Students are to complete this form and return it to Mr James by **Friday 14th September 2018**.

The elective subjects are listed below:

Commerce	Design & Technology
Drama	Food Technology
French	Industrial Technology Timber
Japanese	Industrial Technology – Multimedia
Music	Industrial Technology - Engineering
Visual Arts	Information & Software Design
History	Physical Activity and Sports Studies
	Work Education/Manufacturing Pathways

Behaviour and Attendance

The Principal must certify that a student has applied himself with diligence and sustained effort and achieved course outcomes. Attendance at School must be satisfactory.

Examinations

Year 9 and Year 10 students will undertake half yearly and yearly examinations in all subjects.

Core Subjects

English

English is compulsory in all years. The aim of English in Years 9 & 10 is to enable students to continue to use, understand, appreciate, reflect on and enjoy the English language in a variety of texts and to shape meaning in ways that are imaginative, interpretive, critical and powerful.

In Stage 5 an emphasis is placed on the boys' ability to develop a critical approach to an ever-widening selection of text types including visual and verbal and to draw on their present understanding while being challenged to make connections with new concepts.

Our intention is to encourage the use of appropriate literacy strategies which will help develop their skills in reading, writing, listening, speaking and viewing.

Contact: Head Teacher English – Mr C Breheny

Mathematics

Mathematics classes in Years 9 and 10 are streamed into a pathway. This helps to cater for our students' individual differences, i.e. varying maturation, growth rates and capabilities. The interests they have is also an important factor in their effort and success. Students are initially placed in the pathway, which is deemed suitable for them as a result of their performance in Years 7 and 8.

This continual streaming process is based on topic tests, term exams and formal Yearly Examinations. Held at the end of each term, these term exams are used to promote those students who have earned a position in a higher pathway, and to relegate those who are not keeping up to the standard of the class. Class and topic tests, quizzes and assignments may also form a part of each student's assessment.

In Years 9 and 10 provisions are made for pupils to study at a level on a continuum pathway from 5.1 base, 5.2 to 5.3 (advanced).

There are 9 Grades A10 – E2 reflective of Pathway 5.3 to 5.1 that are allocated to students, based on their Year 9/10 ongoing assessments.

Contact: Head Teacher Mathematics – Mr T Surace

Science

Science provides a distinctive view and way of thinking about the world. The study of science has led to an evolving body of **knowledge** organised as a set of models, theories, laws, systems, structures and interactions. An understanding of Science and its social implication provides a basis for future choices and ethical decisions about local and global applications of Science.

The study of Science provides opportunities for students to develop the skills of working scientifically by engaging them in thinking critically and creatively in problem-solving processes. Students work individually and in teams in **planning and conducting investigations**. They are encouraged to **critically analyse data and information**, evaluate issues and problems, develop questions for inquiry and investigation, and draw evidence-based conclusions. Students are called on to apply and **communicate** their findings, understanding and viewpoints in a scientifically literate way when making decisions about the environment, the natural and technological world. Programs are designed to engage students by providing many investigations and hands on activities with real life problems to solve. Each topic will be approximately 5 weeks and include an assessment task to assess student knowledge. Each topic will also have an assignment with a focus on developing research, presentation or problem solving skills.

The topics students study in year 9 and 10 include:

Body Systems- Responding, maintaining, surviving. Waves. Atomic Structure. Global Patterns. Defending Ourselves Against Disease. Chemistry. Ecosystems. Genetics. Physics. Earth & Space. Evolution. Homo Sapien Spheres.

Contact: Head Teacher Science – Mr C O'Neill



Geography

Stage 5 Mandatory Geography is all about Australian environments and communities.

The study of Geography develops a wide range of skills such as gathering, organising, evaluating and communicating geographical information from a variety of primary and secondary sources. This is achieved through organised field trips and the completion of a Research Action Plan, utilising various ICT skills.

The areas of inquiry focus on the following:

- Investigating Australia's Physical Environment
- Changing Australian Communities.
- Issues in Australian Environments (emphasis on Coastal Management)
- Australia in its Regional and Global Context.
- Sustainable Biomes
- Environmental Change and Management
- Changing Places
- Human Wellbeing

History

Every student in Years 9 and 10 will study the new Mandatory Australian Curriculum History Course. The aim is to stimulate students' interest in the enjoyment of exploring our past, to develop a critical understanding of the past and to enable them to participate as active, informed and responsible citizens. This course focuses on Australia and various World Studies.

The areas of inquiry focus on the following:

- Historical Skills
- Making of the Modern World
- Industrial Revolution, Progressive Ideas and Movements
- Making a Nation-Australia
- Asia and the World
- World War I and Australia
- World War II and Australia
- Modern World and Australia 1918 – present
- Rights and Freedoms
- Popular Culture (1945 – present)
- Environment Movement (1960 – present)
- Migration Experiences (1945 – present)
- Australia in the Vietnam War era

Contact: Head Teacher HSIE – Mr S Hartog

Personal Development, Health, Physical Education (PDHPE)

Personal Development, Health & Physical Education is a compulsory core subject in Years 9 and 10. The course aims to develop skills such as communication, decision making, problem solving, interacting, moving and planning.

Students participate in a variety of physical activities and theory units with the aim to promote lifelong health habits and regular physical exercise.

Topics covered address areas such as:

- Relationships
- Drugs
- Sexuality
- Nutrition
- Road Safety
- Mental Health
- Lifelong Physical Activity



Along with practical units focusing on:

- Invasion Games
- Athletics
- Dance
- Team and Individual Sports
- Recreational Activities
- Ball Sports



Students are required to participate in an assessment schedule which incorporates both theory and practical components.

Contact: Head Teacher PDHPE - Mr C Hickford

Elective Subjects

Commerce

Commerce provides the knowledge, skills, understanding and values that form the foundation on which young people make sound decisions on consumer, financial, business, legal and employment issues. It develops in students an understanding of commercial and legal processes and competencies for personal financial management. Through the study of Commerce students develop financial literacy which enables them to participate in the financial system in an informed way.

Students study four core topics:

Consumer Choice Law and Society
Personal Finance Employment Issues

And at least five options from the following list:

Investing	Travel
Promoting & Selling	Law in Action
E-commerce	Our Economy 1
Global Links	Community Participation
Towards Independence	Running a Business
Political	

Through the application of knowledge, the development of skills and the exploration of values and attitudes, students gain competence to participate responsibly in today's commercial world.

This subject also provides a useful background to the study of Economics, Business Studies and Legal Studies in Years 11 and 12.

Elective fee \$30

Contact: Head Teacher HSIE – Mr S Hartog



Drama

Drama is a fun practical based class with exciting performance opportunities. These opportunities cater to individual and group performances. Learning opportunities include excursions to shows and theatre productions, exciting incursions with theatre/acting professionals, and classroom learning based in practical learning.

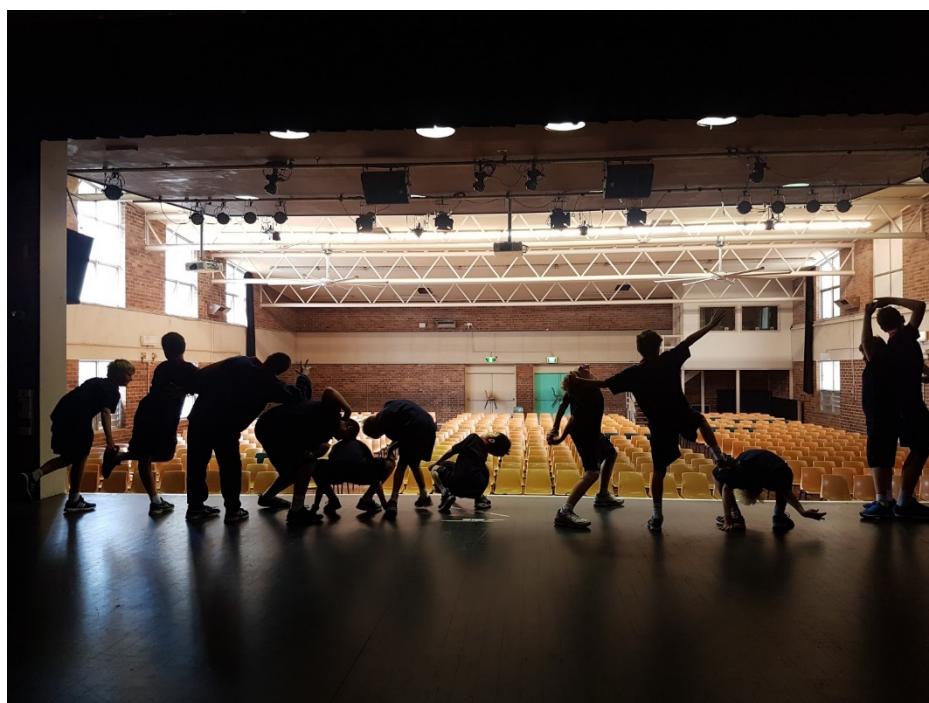
Drama topics and practical learning includes

- Improvisation & Play building
- Performance Skills & Styles
- Set and costume design
- Film making
- Technical production (lighting and sound design)
- Small Screen Drama
- Script writing
- Character Development

Drama challenges students to maximise their individual and collaborative abilities through imaginative, creative, fun, dramatic experiences. Come see what it's all about.

Elective fee \$30

Any questions please contact Chris Boylan (Head of Creative Arts)



Visual Arts

This course aims to give students access to a variety of contemporary artmaking practices. During the stage 5 course students will be given opportunities to explore and experiment with their own artmaking. They will get opportunities to work with contemporary artists, and exhibit their own works. Numerous excursions and incursions allow students to connect to the world of Visual Art. In recent years, Stage 5 art students have also been responsible for designing large-scale school murals and have had the opportunity to work with established artists, Angus Gardner, Cam Wall, Elliot Routledge (Numskull), George Raftopolous, and Maria Stoljar.

Artmaking

Students learn to make artworks using a range of materials and techniques in 2D, 3D and 4D (time expressive forms). This includes both traditional and contemporary artmaking. In stage 5 we explore topics including a site exploration of the Quarantine station, illustration, Surrealism, abstraction, graffiti, video art, expressive painting, landscape, portraiture, and independent studies (you can choose your own topics in Year 10!)

Artforms covered include

- 2D (drawing, painting, printmaking, photo and digital media, graphics)
- 3D (ceramics, sculpture, installation, designed images, objects and environments)
- 4D (performance, time based installation, video & digital animation)

Critical and Historical Studies

Art study enables students to think and write critically about the artists and artworks they learn about in class. All of these artists are linked to their practical tasks, enriching both their artmaking, and enabling students to deepen their knowledge of an exciting Visual Art world.

Elective fee \$80

Any questions please contact Chris Boylan (Head of Creative Arts)



Music



Elective Music provides students with the opportunity to acquire the knowledge, understanding and skills to actively engage and enjoy performing, composing and listening to a wide range of musical genres. It allows them to refine their skills as a soloist, as well as use those skills to perform in groups with their peers. We provide our Elective music students with various opportunities to perform to the school and wider community and give them responsibility in repertoire choice and rehearsing that repertoire. The latest addition to our music faculty will be a fully functional recording studio where students will be assisted to record their musical creations, whether it be an original composition or a cover performance. They will work alongside our music staff with the sound engineering element and create music videos to share with their peers, school, wider community and potentially the world via YouTube.

In class we explore an array of topics such as Popular music, Jazz and Blues, Rock and Roll, Electronic music and Rap but we also delve into the past to discover how these genres developed by looking at Baroque, Classical and Romantic music. The students experiment with the many avenues of musical notation and explore their own personal creativity by composing, improvising, recording music and using editing software. We study the historical, political, cultural and social contexts of our topics, develop an understanding of the Concepts of Music whilst developing a sense of personal expression and appreciate for music as an artform.

We offer private music tuition on instruments such as Guitar, Bass, Drums, Vocals, as well as cater to Woodwind and Brass players. We encourage our students to take up private tuition because it allows them to thrive in a one-on-one situation and enhance their abilities by refining specific skills and develop confidence. This provides the students with the opportunity to reach their goals in a safe, friendly space and take their skills to class, to perform with their friends. They develop resilience, are exposed to instrumental experts and a lifelong passion for playing music with the capabilities to pursue a musical career if they choose.

Elective fee \$60

Any questions please contact Chris Boylan (Head of Creative Arts)

French

The study of French enables students to develop communication skills, focus on languages as systems and gain insights into the relationship between language and culture, leading to lifelong personal, educational and vocational benefits.

With a focus on developing contemporary learning skills, interactive and communicative lesson activities utilising digital activities, podcasting, role plays, film, music, and excursions such as to restaurants, cinema's and art exhibitions allow students to achieve required outcomes in realistic settings.

Students are also provided with the opportunity to apply for exchange programs to French speaking countries.



Students will develop the knowledge, understanding, listening, reading, speaking and writing skills necessary for effective communication in French, helping to prepare them for Year 11 and 12.

Students will explore the nature of languages as systems, developing their literacy skills in both French and English.

Students will develop knowledge of the culture of French-speaking communities, furthering their cultural awareness in our global community.

**Elective fee \$10 + \$20 Language Perfect subscription Contact:
Head Teacher Wellbeing & Languages – Ms V Briggs**



Japanese

The study of Japanese enables students to develop communication skills, focus on languages as systems and gain insights into the relationship between language and culture, leading to lifelong personal, educational and vocational benefits.

With a focus on developing contemporary learning skills, interactive and communicative lesson activities utilising digital activities, pod-casting, role plays, film, music, and excursions such as to restaurants, cinema's and art exhibitions allow students to achieve required outcomes in realistic settings.



As part of the Stage 5 course, students are given the opportunity to participate in a visit to Odawara, our sister city in Japan, where students live with a Japanese family for 2 weeks. Students are also able to participate in activities with the Japanese students in the reciprocal exchange to Australia.



Students will develop the knowledge, understanding, listening, reading, speaking and writing skills necessary for effective interaction in Japanese.

Students will develop knowledge of the culture of Japanese-speaking communities and an understanding of the interdependence of language and culture, thereby encouraging reflection on their own cultural heritage.

**Elective fee \$10 + \$20 Language Perfect subscription
Contact: Head Teacher Wellbeing & Languages – Ms V Briggs**



Physical Activity and Sport Studies

This course provides an opportunity for students to fully develop practical skills and create greater awareness, understanding and application of sport, lifestyle and recreation. It is designed, not just for talented athletics but also for students who are interested and appreciate the physical, biological and technological world and make responsible and informed decisions in relation to their world.

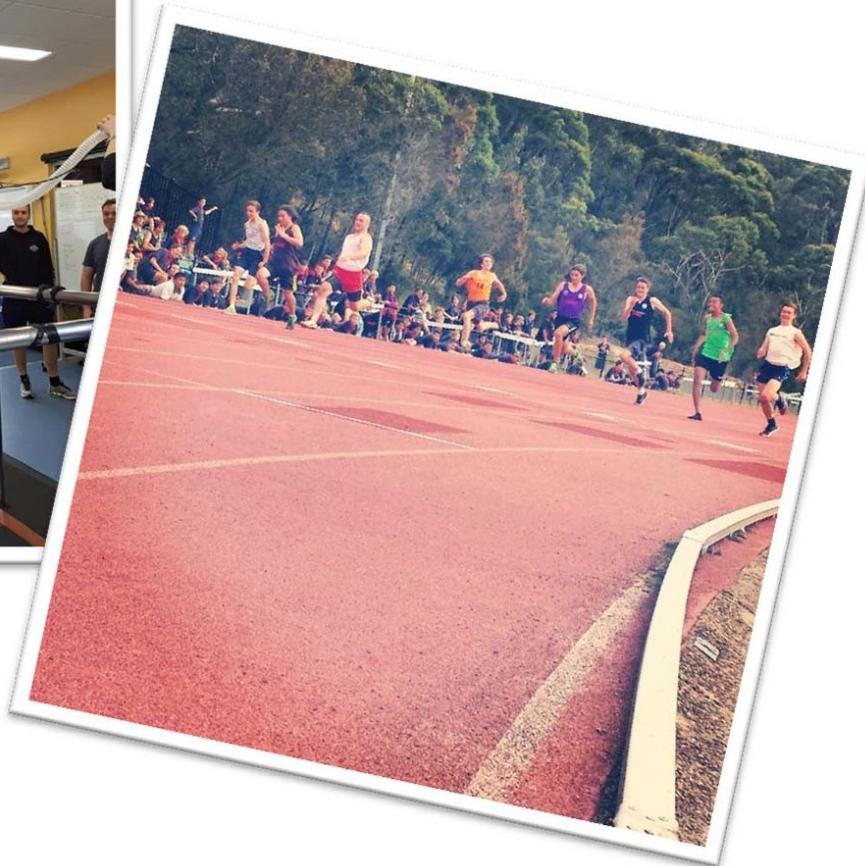
The course comprises of both a practical and theory component and provides a sound basis for future studies in this field.

Practical aspects of the course include games, recreation, track and field, gymnastics, leadership, administration and personal fitness whilst theory includes rules, skills tactics and history of sports, anatomy and exercise physiology, principles of training, nutrition and exercise, sports coaching, sport and the media, sport as a career, Sports medicine.

The PASS course is seen as the best pathway towards success in senior PDHPE and is highly recommended for students who wish to pursue career opportunities in sporting and fitness industries.

Elective fee \$30

Contact: Head Teacher PDHPE - Mr C Hickford



Design and Technology

Design and Technology engages students in technological innovation and the world of design while exploring the impact on individuals, society and environments.

The design and development of quality projects gives students the opportunity to identify problems and opportunities, research and investigate existing solutions, analyse data and information, generate, justify and evaluate ideas, and experiment with technologies to manage and produce design projects. The diversity of approaches to design projects provides the scope to develop high order thinking, future thinking and understanding of conceptual principles.

Students will undertake a range of practical experiences that occupy a majority of time in this course. These projects may involve the following:

- Phone Holder
- Bridge Building
- Graphical
- Ecolamp
- Food
- 3D printing
- Student-negotiated focus area of design



The design process caters for a variety of student needs, abilities and interests. The flexible and creative consideration encourages students to take intellectual risks and experiment with resources when developing projects.



Students will use timber workshops, a commercial kitchen, computer laboratory and the metal workshop throughout this course in order to complete their practical projects. They will also attend a variety of excursions.

Elective Fee \$65
Contact: Head Teacher TAS - Mr M Webb

Food Technology

Food Technology provides students with the opportunity to learn about food and the food industry. How to select nutritional foods, prepare and present food, and how to work in a kitchen in a safe and hygienic manner. Students will learn to follow a workflow and recipe to prepare, present (and consume) a variety of dishes.

The core focus areas in Food Technology provide opportunities for students to develop knowledge, understanding and skills in relation to food preparation and processing as well as nutrition and consumption.



Students will also focus on the following areas throughout years 9 and 10:-

- **Food in Australia**
- **Food Product Development**
- **Food Selection and Health**
- **Food Service and Catering**
- **Food Trends**
- **Food Equity**
- **Food for Special Needs**
- **Food for Special Occasions**



Additionally, students will develop knowledge and skills in the use of materials, tools and techniques by designing, producing and evaluating their own dishes for practical projects. Practical lessons are held weekly, often with a demonstration lesson in the same week. Dishes prepared include cakes, biscuits, slices, snacks, entrees, mains and desserts.

Projects will promote the sequential development of skills and reflect an increasing degree of student autonomy

as they progress through the course they will be able to experiment individually or in a group, in preparation for class cooking competitions.

Elective fee \$80

Contact: Head Teacher TAS – Mr M Webb

Industrial Technology Timber

Industrial Technology Timber focuses on the relationship between technology, industry, society and the environment, and develops the ability to make value judgments about issues, decisions and consequences arising from this interaction. Students also develop an awareness of the importance of environmental sustainability in relation to the use of materials technologies and their effects on people society. Students will use a variety of comp programs and photography throughout course.

Practical projects are major focus and provide opportunities for students to develop specific knowledge, understanding and skills related to timber-related technologies.

These may include:

- **Carry all toolbox**
- **Cutting boards**
- **Miniature tables**
- **Decorative timber products using wood lathe**
- **Bedside cabinets**
- **Coffee tables**
- **Storage and display units.**



Students develop a range of skills that will equip them for future leisure and lifestyle activities, potential vocational pathways or future learning in the technology field.

The skills, knowledge and attitudes developed through the study of Industrial Technology Timber will enable students to make positive contributions to Australian industry and society, to express valued opinions and to make considered judgements as contributing members of society.

Elective Fee \$65

Contact: Head Teacher TAS - Mr M Webb

Information & Software Design

Information and Software Technology teaches invaluable computing skills that will transfer to any field which may be of interest. This course will inform students what happens behind the scenes in their computers and computer applications which will create more powerful computer users.

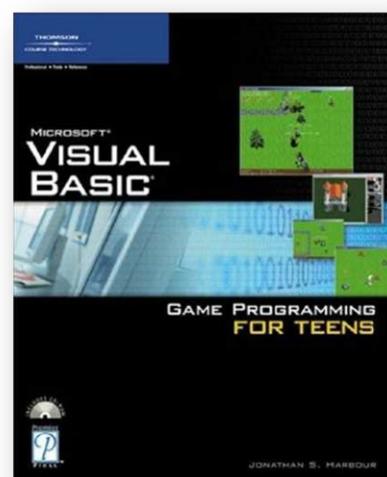


Within these topics students will learn essential theory terminology, components and knowledge which is accompanied with relevant practical experiences.

Students will develop skills in a wide variety of computing applications such as Microsoft word, Microsoft Excel & Microsoft Access, while also learning the basics of database structure and SQL. Students will have opportunities to look at some specific skills within Photoshop, InDesign, Flash and Premiere Adobe applications. They will not only learn how the internet works and how to use it as a powerful tool but learn how to create their own web pages with HTML5, CSS3 and Adobe Dreamweaver. They will be introduced to the basics of software development and programming with an introduction to Visual Basic and Python programming languages. The course will culminate in a final project of the student own choice, allowing focus on the area which most interests them.

Elective Fees \$50

Contact: Head Teacher TAS - Mr M Webb



Industrial Technology – Multimedia

Industrial Technology Multimedia provides students with skills in industry related multimedia development. Focus is on computer software and hardware in relation to print media and video creation and editing, flash animation and web design.

Topics

- Print Media
- Illustration
- Animation
- Digital Video Productions
- Web design



Applications

- Photoshop
- InDesign
- Illustrator
- Premiere
- After effects
- Flash



Within these topics, students will learn some essential theory including, writing assessment tasks, however this is a largely practical subject where the majority of course time will be spent working with practical applications and technology.

Elective fees - \$50

Contact – Teacher TAS - Mrs C Simpson

Industrial Technology – Engineering

The Engineering focus area provides opportunities for students to develop knowledge, understanding and skills in relation to engineering and its associated industries.

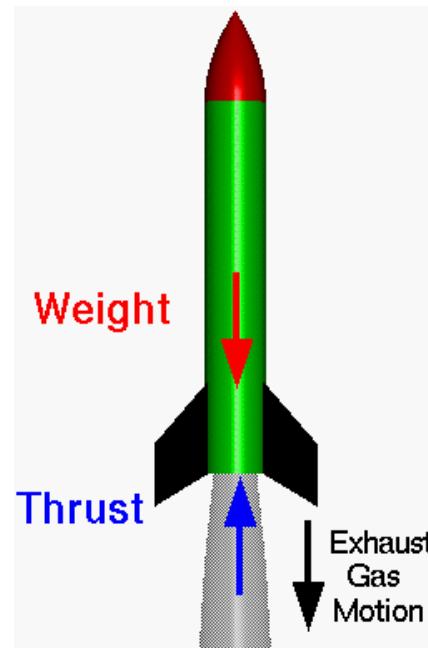
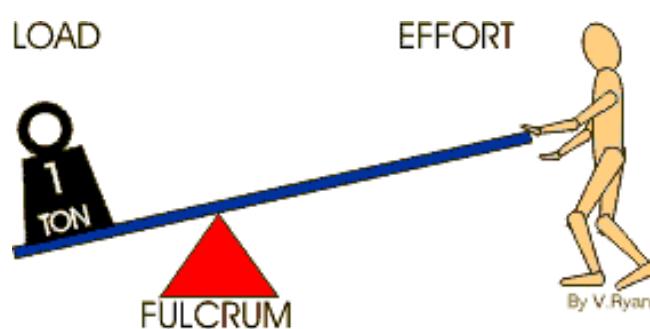
Core modules develop knowledge and skills in the use of materials, tools and techniques related to structures and mechanisms. These are enhanced and further developed through the study of specialist modules in:

- Control Systems
 - Alternative Energy.

Practical projects reflect the nature of the Engineering focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to engineering. These may include:



- Structures
 - Small vehicles
 - a range of devices and appliances
 - robotics projects
 - Electronic and mechanical control systems.



**Elective Fee \$30
Contact – Head Teacher TAS – Mr M Webb**

Work Education/Manufacturing Pathways

Access to this program will be by invitation only. This course is designed to prepare students for further study, training or employment. Lesson activities rely on the application of school knowledge in real-life contexts or problems and provide opportunities for students to share their work with audiences beyond the classroom and school. There will be opportunities for students to experience a variety of work experience over the duration of the course.

Work Education/Manufacturing Pathways is aimed at addressing learning about the workplace by developing:-

- **Employability skills**
- **Enterprise skills**
- **Pathways planning skills**

And to establish an appreciation of:-

- **Lifelong learning**
- **Responsible community**
- **Participation**
- **Increased self-awareness**

In Year 10 students will obtain Australian Curriculum Frameworks qualifications.

After the completion of this program these students will have access to accelerated pathways and the Stage 6 Work Studies program

VET HSC students will receive a NSW HSC (with no exams), priority into TVET courses whilst still at school, nationally recognised TAFE Credential – up to Certificate II qualification, enhanced chances of gaining entry into high demand TAFE courses, and extensive experience in the work place.

Contact: Work Education Contact – Mr M Webb



NOTES:



NBSC Balgowlah Boys Campus

Year 9 2019 and Year 10 2020 Elective Subject Selection Form

X

Please list in order of priority your subject choices with number 1 being your first choice and number 4 your last choice. Please return this form to Mr James by Friday 14th September 2018

Elective	Choice Number
	1
	2
	3
	4

Student Name: _____

Student Signature: _____

Parent Name: _____

Parents Signature: _____

Date: _____

X



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