

# *Yass High School*



**STAGE 5 COURSE  
INFORMATION 2021**

## ***Subject Choices***

Year 9 & Year 10 Students' Pattern of Study .....	2
Agricultural Technology .....	3
Commerce .....	4
Drama.....	5
Elective Geography – Freedom Fighters and Ecowarriors .....	6
Elective History – Mystery, Mayhem and Murder .....	7
Food Technology .....	8
Industrial Technology – Metal .....	9
Industrial Technology - Timber .....	10
Information and Software Technology .....	21
iSTEM – integrated Science, Technology, Engineering and Mathematics .....	12
Mathematics Pathways.....	13
Mathematics .....	14
Music.....	15
Personal Development Social Development – Community Studies .....	16
Photographic & Digital Media .....	17
Physical Activity and Sports Studies .....	18
Textiles Technology.....	19
Visual Arts .....	20
Visual Design.....	21

## ***Year 9 & Year 10 Students' Pattern of Study includes:***

**English, Mathematics, Science, Geography, History PDHPE plus two elective subjects**, each to be studied as a 100 hour course for Year 9. Electives can be extended in Year 10 to comprise a 200 hour course. Additionally, re-selection of 100 hour electives will be offered in Year 10. Course Fees support the cost of consumable materials and range from \$10 to \$110 per year according to the subject chosen. Elective costs need to be paid by the end of Week 3, or a payment arrangement made with the front office. Student assistance may be available. Covered leather shoes are required in all practical areas.

These courses and the hours allocated to them meet the state-wide requirements for the Record of School Achievement (RoSA) which is the credential for students who leave school after Year 10 and before they receive their Higher School Certificate (HSC), allowing for the compulsory school leaving age of 17.

The RoSA is cumulative, showing a student's achievement until the time they leave school, and uses school-based assessment to allow for a reliable comparison between students across NSW. Students also have the option of taking online literacy and numeracy tests (May & October in Years 10 & 11), the results of which are recorded on the RoSA Certificate.

Consequently all courses from Year 9 contribute to final school qualifications.

To satisfactorily complete Stage 5 (Years 9 and 10) students must:

- follow courses developed or endorsed by the NSW Educational Standards Authority (NESA)
- apply themselves with diligence and sustained effort
- achieve some or all of the course outcomes

### **Selecting subjects**

While it is good to have different careers in mind or dreams for the future, at this stage it's important that you keep your options open and choose subjects that ensure you continue to be an enthusiastic learner.

**Select** the subjects you **enjoy**, are **good at**, are **interested in**, and could enhance your career aspirations.

**Avoid** taking into account your friends' choices or who the teacher might be.

**Before** choosing, discuss your choices with your teachers and head teachers, your family and other students who have studied subjects you are interested in.

# ***Agricultural Technology***

Agriculture has a **significant practical component** that will suit the student who learns by doing and likes being outdoors. **Boys and girls** are equally capable of doing agriculture.

There are **NO FEES** as the school farm earns a large part of its income through production.

Yass High School students get to work in areas such as:-

- Beef Production
- Sheep production of meat and wool
- Hydroponics
- Cropping
- Vegetable production
- Pasture production
- Poultry Production
- Tractor and farm machinery
- Landscaping/Horticulture



We also go on farm and industry visits such as Field Days as well as participating in local and national shows exhibiting beef cattle as well as sheep.

**For further information contact:**

Ms Tracy Randall

# Commerce

Commerce students study money, business, the law, the buying and selling of goods and services and how we contribute in our society.

Students learn about their roles as consumers and producers and how to use money wisely. The aim is to help people become responsible citizens who are able to make informed judgements about a wide range of social, commercial and government issues. Financial literacy is a major component of this course.

Topic areas will be based on student interest and opportunities including:

- Getting a job and budgeting for now and the future
- Entrepreneurship - starting and running your own business
- Personal finances, the stock market and smart investing
- Our rights and choices as consumers
- The law and how it works
- Buying a car and travel

Commerce is an essential subject for all students who plan to live a life of financial security. There are also loads of practical activities such as participating in the ASX Share Market Game, running a school-based enterprise, and excursions to local and other businesses, law courts and seats of government. For students who would like to do Business Studies, Economics or Legal Studies in Year 11 and Year 12, Commerce would make an excellent subject selection.

**For further information**

**contact:** Mr Brendan Roberts





## ***Drama***

The aim of the Drama course is to engage and challenge students to maximise their dramatic talents and capabilities and enjoy drama and theatre through individually and collaboratively making, performing and appreciating dramatic and theatrical works.

Students will participate in a range of activities involving:

- The identification and use of the various elements of drama
- The exploration of roles/characters through improvisation, play building, scripts, dramatic forms and performance styles
- Experimenting with plot and narrative structures
- Vocal and physicalisation techniques
- Discussion and writing about dramatic experiences
- The analysis of drama and theatre in a chosen dramatic context

Drama is an experiential course where much of the learning takes place through 'doing'. The collaborative nature of drama requires that students who elect this course understand the level of commitment needed in order to achieve the course outcomes. Performance is also an essential component of the course.

It is expected that Drama students will take advantage of performance opportunities as they arise.

Drama is a practical course, with 60% of the work being practical and 40% theory. As such students do participate in written theory lessons, but the focus is on learning experientially.

**Course Fee:** \$10 per year

**For further information contact:** Ms Gina Carnley



## ***Elective Geography - Freedom Fighters and Ecowarriors***

Freedom Fighters and Ecowarriors is the study of the Board Developed Elective Geography course. It supports and extends students in the Mandatory Geography course, while exploring the concepts of globalisation, social justice, environmental issues and active citizenship.



Freedom Fighters and Ecowarriors tackle the BIG ISSUES in our society, and has huge potential for practical activities, fieldtrips and excursions. Students develop critical thinking skills and use project based learning to explore a number of social and environmental issues (local, domestic and international), and have the opportunity to develop their own Personal Interest Project (PIP).

Topics students could cover include:

- Oceanography – Ocean resources from recreation to exploitation
- Selling the Farm – Australia's primary production past, present and future
- Globalisation – Human rights, inequality, development and hope
- World Order – Terrorism, war and peace in the modern world

For students who would like to extend themselves in geography, or are planning to study subjects such as Geography, Society and Culture or Legal Studies in Year 11 and Year 12, Freedom Fighters and Ecowarriors would make an excellent subject selection.

**For further information contact:**

Mr Brendan Roberts



## ***Elective History - Mystery, Mayhem and Murder***

Mystery, Mayhem and Murder is the study of the Board Developed Elective History course.

Wading through the murky depths of history, this subject will take you on an intrepid adventure through the unsolved cases, the chaotic lives and deaths of morally depraved individuals... It will unearth the evidence of the murderous rampages that have been since buried. With mystery, mayhem and murder combined, we are delighted to bring you this fresh elective.

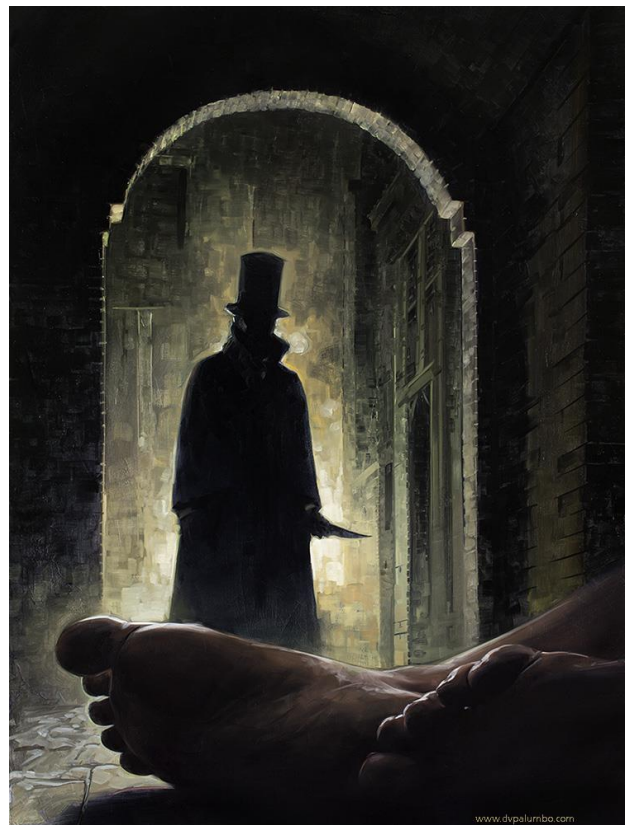
We will cover:

- Mystery at the Theatre: Film as History
- Mayhem in the Manuscripts: Archaeology of the ancient world.
- Murder under the Microscope: Crime and punishment

For students who would like to do Modern, Ancient and/or Extension History in Year 11 and Year 12, History Elective would make a wise subject selection choice.

**For further information contact:**

Ms Ben Szota





## ***Food Technology – 200 hours***

Food Technology is an elective course that builds on the knowledge, skills and experiences developed in the Technology (Mandatory) Years 7 – 8 Syllabus.



The study of Food Technology provides students with a broad knowledge and understanding of food properties, processing, preparation and their interrelationship, nutritional considerations and consumption patterns. It addresses the importance of hygiene and safe working practices and legislation in the production of food. Students will develop food specific skills, which can then be applied in a range of contexts enabling students to produce quality food products. It also provides students with a context through which to explore the richness and pleasure food adds to life and how it contributes to both vocational and general life experiences.



Students will learn about food in a variety of settings, enabling them to evaluate the relationships between food, technology, nutritional status and the quality of life. The following focus areas provide a context through which the core (Food Preparation and Processing, Nutrition and Consumption) will be studied:

- Food in Australia
- Food service and catering
- Food equity
- Food for special needs
- Food product development
- Food for special occasions
- Food selection and health
- Food trends

The major emphasis of the Food Technology syllabus is on students exploring food related issues through a range of practical experiences, allowing them to make informed and appropriate choices with regard to food. Integral to this course is



students developing the ability and confidence to design, produce and evaluate solutions to situations involving food. They will learn to select and use appropriate ingredients, methods and equipment safely and competently.

**Course requirements:** Students must wear enclosed leather shoes in the Food Technology classroom.

**Course fee:** \$100 per year

**For further information contact:** Mrs Joanne Southwell

## ***Industrial Technology – Metal – 100 and 200 hours***

Industrial Technology - Metal provides opportunities for students to develop knowledge, understanding and skills in relation to the metal and associated industries.

The course comprises two content areas:

### **Metal**

The Metal 1 core module develops knowledge and skills in the use of tools, materials and techniques related to general metalwork. These are enhanced and further developed through the study of specialist modules in Metal Machining and Fabrication.

Practical projects reflect the nature of the metal focus area and provide opportunities for students to develop specific knowledge, understanding and skills associated with metal-related technologies. These may include:

- fabricated projects
- metal machining projects
- sheet metal products

### **Art Metal**

The Art Metal module develops knowledge and skills in the use of tools, materials and techniques related to art metalwork.



Practical projects reflect the nature of the Metal focus area and provide opportunities for students to develop specific knowledge, understanding and skills associated with art metal-related technologies.

The following is possible list of projects and related skills within each Module

### **Terms 1 and 2 – 100hr**

**Skills Project** – Introduction – OH&S

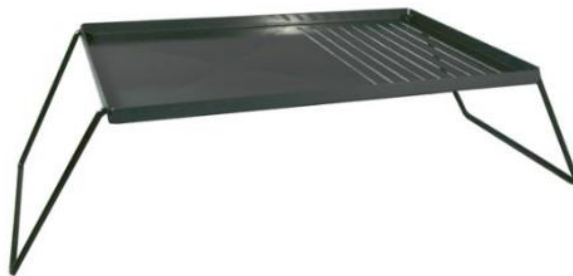
**Bottle Opener** which introduces students to basic plans, measuring, marking out, hand and power tool use

**Tool Carry All** –interpreting designs, sheet metal work, use hand and power tools, spot welding and riveting

**Tack Hammer or Junior Hacksaw-** Reading and interpreting plans; using a tap and die set; using a lathe and other workshop machines

### **Terms 3 and 4 - 100hrs**

**Metal Sculpture or Wall art** - Students are introduced and encouraged to develop their own ideas for a sculpture or piece of wall art. They are introduced to the design and planning process.



### **Semester 1 and 2 - 200hrs**

Students are introduced to the full “Design Process” and the concept of a work folio. They combine new and previously learnt skills to design and construct a **BBQ, large Tool box** and a **Major Work**. Year 10 students design and construct a major work which constitutes the majority of their RoSA grade, which consist of a folio of all their work and their major work folio.

(Projects other than school based eg major work will need to be individually funded).

There is a strong theory component in metal with students learning the underlying concepts that relate to metal fabrication. They will also create a work portfolio to keep throughout the course.

**Course requirements:** Students must wear enclosed leather shoes in the metals workshop.

**Course fee:** \$110 per year

For further information contact: Mr David Alchin



# ***Industrial Technology – Timber – 200 hours***

In Wood Technics students are guided through the construction of practical projects after receiving safety instruction and related theory.

The following is a list of possible projects completed in Years 9 and 10 and the design skills that will be developed.

## **100 Hours**

### **Tradesman's Tool Box**

Measuring/marketing/sawing/biscuit joining/gluing/clamping/sanding

### **Lolly Dispenser**

Designing, hand tools/routing/finishing

### **Wooden Toy**

Creative design and make a children's wooden toy

### **Stepping Stool**

As above plus design modification and assembly techniques

### **Wood Turning Project**

Introduction to the wood lathe, tools and techniques

- Pot Plant Holder
- Woden Mallet

Students will learn about the theoretical concepts which underpin these projects. They will also develop portfolios that demonstrate the development of their designs.



## **200 Hours**

### **Major Project**

Students are introduced to the "Design Process". They combine previously learnt skills to design and construct two major projects or school based projects.

Example: coffee table with draw, indoor/outdoor furniture

Measuring/marketing/sawing/biscuit joining/gluing/clamping/sanding

Projects, other than school based, will need to be individually funded.

**Course requirements:** Students must wear enclosed leather shoes in the Timber classroom.

**Course fee:** \$110 per year

**For further information contact:**  
Mr Ralf Hansson or Mr David Alchin



# Information and Software Technology

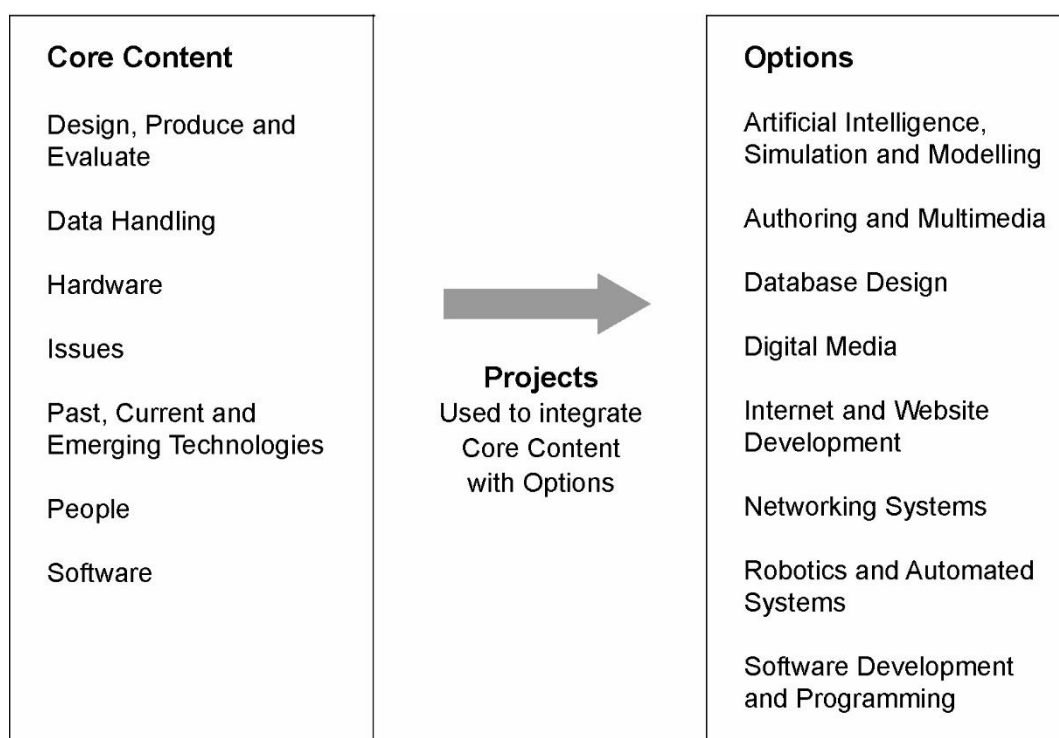
Information and Software Technology (IST) provides students with the opportunity to develop computational, systems and design thinking skills through the development of practical projects. Students will complete a number of practical projects throughout the course.



Students will develop knowledge of past, current and advancing technologies, data, hardware, software and the roles of people involved in information and software technology. Students explore developments and future directions in the exciting and challenging field of information and software technology.

The IST course is suitable for students who have an interest in computing technologies. It is design to foster an interest in, enjoyment of and encourages critical reflection of information and software technology as an integral part of modern society.

Students will study a range of unit topics including:



**Course Fee:** \$20 per year

**For further information contact:** Mr John Silvestro

## iSTEM

iSTEM, or Integrated Science Technology Engineering and Mathematics, refers collectively to the subject with a broad field of distinct and complementary approaches to knowledge. Each has a critical role to play in its own right, but also enables discovery and progress in other fields.



The course utilises a practical approach with engineering and technology being used to drive engagement in mathematics and science through the development of technical skills and mechanical engineering knowledge. Examples of projects include drone flight training and a scientific experiment for the International Space Station.

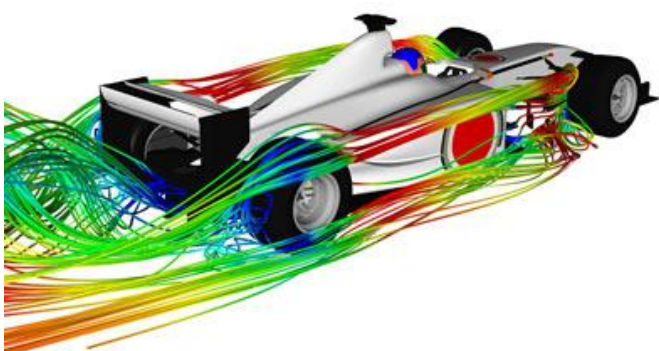
Modules covered in the course					
STEM Fundamentals	Aerodynamics	Motion	3D CAD/CAM	Mechatronics	Design for Space

Students undertake a range of inquiry based learning and project based learning activities in fields such as:

- Aircraft design
- Roller coaster construction
- 3D and CNC router printing
- Drone flight training
- Rockets
- Pneumatic and hydraulic systems
- Robotics
- Motor racing
- Coding scientific experiments
- Electronics and circuits



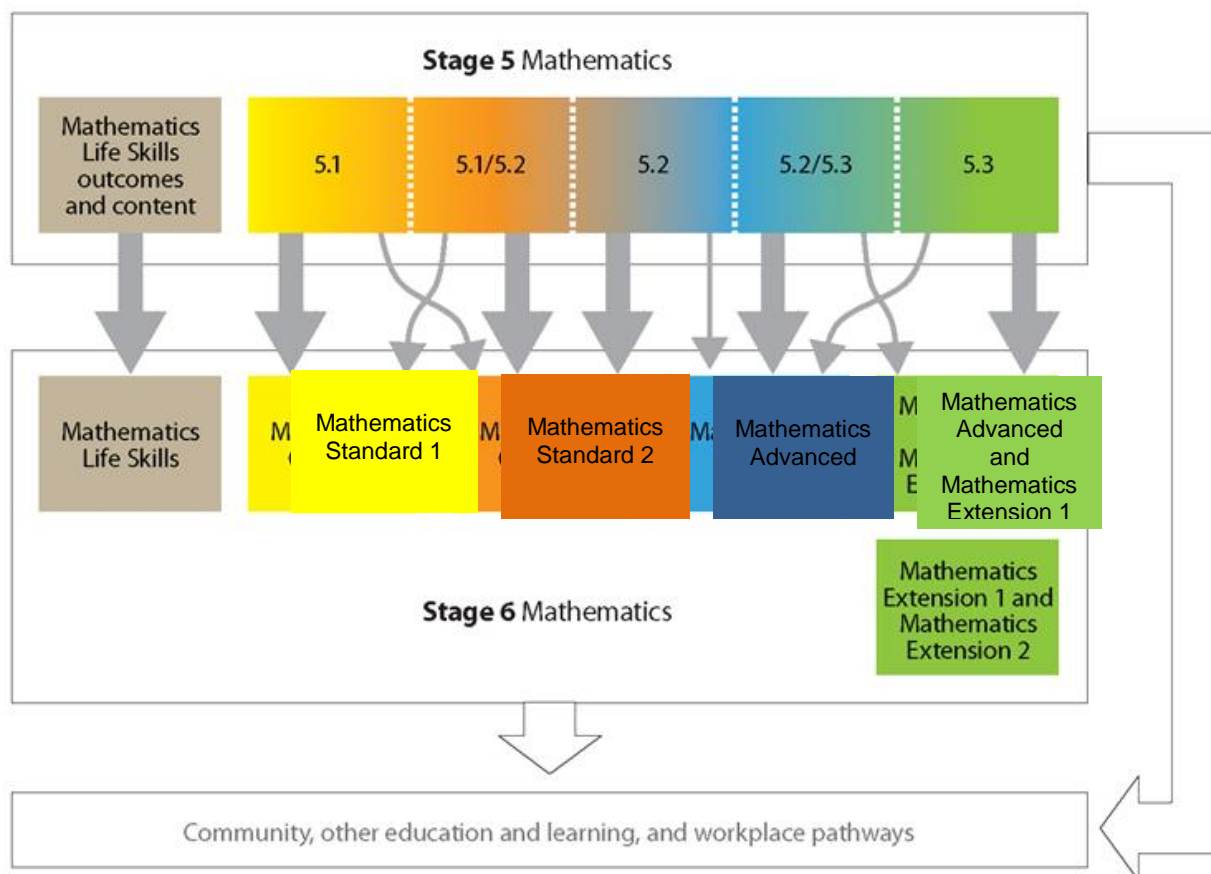
The projects completed by students in collaboration with community STEM based businesses.



**Course Fee:** \$55 per year

**For further information contact:** Miss Deanne Young or Mr John Silvestro

# Mathematics Pathways



- ➡ Usual pathway
- ➡ Pathway taken by some students



## **Mathematics**

Student's aspirations are taken into consideration when creating classes. That is if a student wishes to study any form of engineering or physics based degree but is not yet performing at a 5.3 level; they will be considered for placement in the 5.3 pathway course.

Yass High has the ability to offer mathematics in a STEM styled project based format depending on genuine interest.

### **Stage 5.1 Pathway**

This mathematics pathway will provide you with the basic tools required to join society. You will develop skills in measurement and geometry, gain basic financial literacy as well as using simple algebraic thinking skills. The foundations of chance and data are also covered in this course.

This Pathway is written to elevate these students to achieve the 5.2 Outcomes recommended as minimum preparation for a Stage 6 Mathematics Standard and mathematical understandings that are applicable to a range of VET courses. Additional this Pathway provides opportunity for students to engage with the Australian Core Skills Framework (ACSF) level numeracy standard.

### **Stage 5.2 Pathway**

This mathematics pathway is the middle course for those students who want to keep their options open. The course is a mix of the practical numeracy with some of the more abstract mathematical concepts. The depth of study and speed of delivery is adjusted to suit the students' ability. It is suitable for a student who has shown a reasonable level of mathematical ability in years 7 and 8. A good level of motivation is required for success in this course. By performing well in this course, higher level senior courses remain an option.

### **Stage 5.3 Pathway**

This mathematics pathway is aimed at students who enjoy mathematics, solving puzzles and/or accepting challenges. Are you interested in flying a plane, being a financial wizard, managing resources, doing medical research, designing a sky scraper, planning a perfectly measured marathon route, developing computer software or building a car to industry standards? All these and more are based on mathematical applications and techniques learned in this course. Students will have the opportunity to begin to develop an understanding of the world of mathematics.



**For further information contact:** Mr John Duncan

## Music

The aim of the music course is to provide students with the opportunity to acquire the knowledge, understanding and skills necessary for active engagement in performing, composing and listening, and to allow a range of music to have a continuing role in their lives.

The music course is ideal for students who learn an instrument, enjoy singing or would like to get involved in playing and learning a musical instrument.

The course is made up equally of listening, performing and composing, through a variety of topics and learning experiences. Students will work collaboratively in small and large groups, as well as individually. There will be a variety of performance opportunities within the school environment, and also within the broader community.

**Course Fee:** \$15 per year

**For further information contact:**  
Ms Gina Carnley



## ***Personal Development, Social Development –Community Studies***

This People and Society course has been designed to allow every student to have the opportunity to use their skills, talent, abilities and time for the common good of their community.

### **Our aim is for our students to:**

- make a difference
- develop empathy/understand the differences within any community
- feel proud of their achievements
- make their community proud of them

They will also develop an awareness of the nature and range of disabilities in the community and how these affect people's place in society.

Our school has a strong community focus with links to a variety of community organisations and local Primary school and this school will build strong ties with these through the practical components of this course.

We have Multi-categorical classes at our school catering for students with special needs as well as having students with disabilities in the mainstream. This course will develop a core body of students whose influence on the school as a whole will enhance the positive integration of students with disabilities in our school.

It will also equip students to recognise and utilise support services and resources available in the community. It will give students a sense of being an active part of their community through its practical components. It will build close student-community relationships for the benefit of both.

The all-encompassing aim of this course is to promote an awareness of the issues surrounding being a good community minded person. This awareness will be translated into acceptance, empathy and positive inter-personal relationships among students in the course and people within their community through the practical components of the course.



### **Modules Studied**

Community & Disability Awareness  
Emergency Care  
Disabilities and their consequences  
Discrimination

Integration and Community Work/ Service and Citizenship  
Courage to Care  
Cultural Diversity

Community work involves assisting at Horton House, Warmington Lodge, Thomas Eccles Gardens, Valmar Support Services, Yass and Berinba Primary Schools, Yass Little Learners, YECCA and other fund raising charities.

**For further information contact:** Miss Tracey Bills



## ***Photographic and Digital Media***

Photographic and Digital Media is a course that gives students the chance to explore the practice, ideas and technological procedures within photographic and digital media. This course recognises that much of our information of the world and about cultural and self-identity come from the photographic and digital images that surround us on TV, film, video, internet, mass media, visual arts and design. Photographic and Digital Media allows students to make and communicate with images using digital photography, video and traditional photography.

**Equipment:** Your own USB storage device, Visual arts Diary, black display book and your own digital camera would be an advantage, but is not compulsory.

**Course Fee:** \$50 per year

**For further information contact:** Ms Gina Carnley





## ***Physical Activity and Sports Studies***

Physical Activity and Sports Studies is an extension of the PDHPE Key Learning Area in Years 7-10. This course is offered at Yass High School to cater for interested and active students and to give opportunities to enhance and refine their own physical skills and fitness levels through a variety of learning activities. Physical Activity and Sports Studies provides students with particular sporting needs that cannot be met in the wider community due to geographical isolation and/or financial constraints.

Physical Activity and Sports Studies includes three areas of study being; Foundations of Physical Activity, Physical Activity and Sport in Society, and Enhancing Participation and Performance. Students will study two modules from each area and will be given the possibility of participating in movement applications such as sport specific games, recreational pursuits, resistance training and coaching sessions

The theory component of the course provides students with the opportunity to develop skills that prepare them for a career path in the health, fitness & recreation and sporting industries.



**Course fee:** \$10 per year

**For further information  
contact:**

Mr James Harding

# Textiles Technology



This course has a strong practical based component with theory to support the practical and contribute to the students overall understanding of the Textiles Technology.

Students will complete three practical projects each year accompanied by a portfolio. They will develop confidence to create original textile items.

Students will explore colouring fabric with various techniques such as tie-dye, vat dying, silk screening, hand painting and other methods. They will learn to manipulate fabric to achieve creative and unusual textures and shapes and decorative surfaces. They will learn embellishment techniques and also how to make fabrics such as hand-made felt.

Projects include: making a fabric journal cover, making clothes such as shorts, completing a soft toy, creating a mini textile art quilt, creating costume based items such as hats, fascinators and masks and using their skills to choose from the focus areas below for an open unit.



## Course Content - Areas of Study

- Design
- Properties and Performance of Textiles
- Textiles and Society



## Course Assessment

Practical 60%

Design Portfolio 40%

## Focus Areas

Apparel - dresses, skirts, tops

Furnishings – cushions

Costume – masks, headdresses, fancy dress

Textile Arts - wall hangings

Non-apparel - fabric books, bags

**Course requirements:** Students must wear enclosed leather shoes in the Textiles Technology classroom.

**Course fee:** \$70 per year

**For further information contact:** Mrs Annette Halley-Barberis

## Visual Arts

Visual Arts offers students the chance to develop expertise in many art forms, such as drawing, painting, printmaking, sculpture, ceramics, photography, graphics and computer generated images. It also gives students the opportunity to study artists, the art world and art works that are related to their own art making and the world they live in. Visual Arts provides a creative outlet for those students who enjoy making and communicating visually.

Students who are enthusiastic and enjoy art are encouraged to choose one or more of the creative subjects, Visual Arts and/or Visual Design and/or Photographic and Digital Media.

We welcome all students who have enjoyed art in Year 8 and look forward to teaching you again.



**Equipment:** Visual arts Diary

**Course Fee:** \$50 per year

**For further information contact:** Ms Gina Carnley



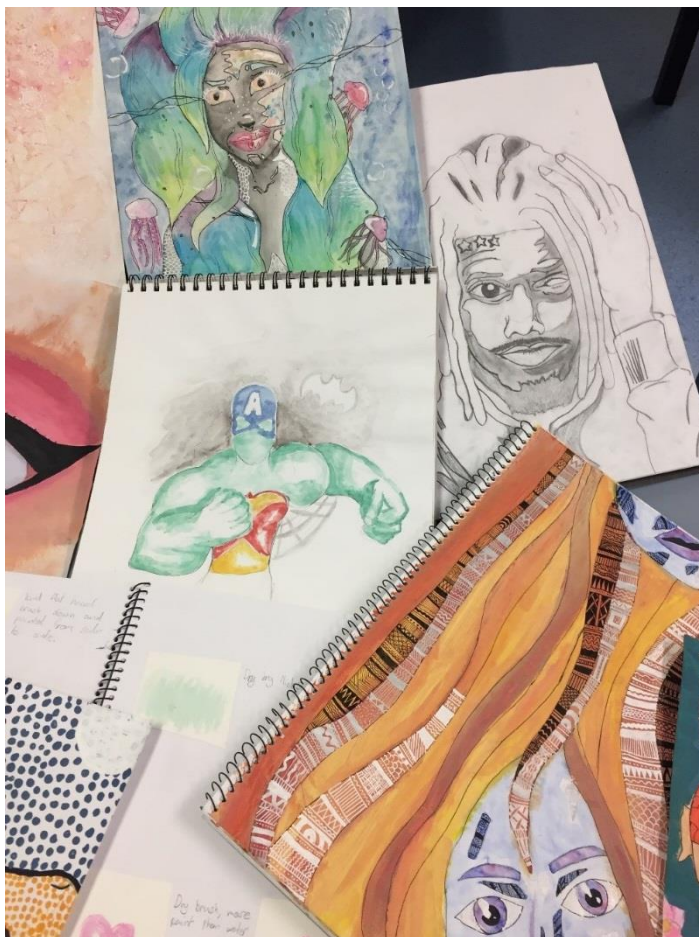
## Visual Design

The course varies from year to year with focus on three of the following areas – painting, sculpture, ceramics, printmaking and graphic design. Emphasis is placed on the development of concepts and ideas through drawing and design. Students also study art, artists and the art world relating to their own designing, product making and the world they live in. The course is often focused on projects such as murals for the school and community.

**Equipment:** Visual arts Diary

**Course Fee:** \$50 per year

**For further information contact:** Ms Gina Carnley





## Notes

[illegible]

## Notes

[illegible]

## Notes

[illegible]



Yass High School

Phone: 02 62261711

Fax: 02 62263174

Locked Bag 1

Grampian Street

YASS NSW 2582

Email: [yass-h.school@det.nsw.edu.au](mailto:yass-h.school@det.nsw.edu.au)

Website: [yass-h.schools.nsw.edu.au](http://yass-h.schools.nsw.edu.au)