Yass High School

STAGE 5 COURSE INFORMATION 2023

Subject Choices

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 200 hour course for Year 9 and 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 Term 1, 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.

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 to 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: Mrs Ruth Riach

Elective History - Mystery, Mayhem and Murder

Mystery, Mayhem and Murder and 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:

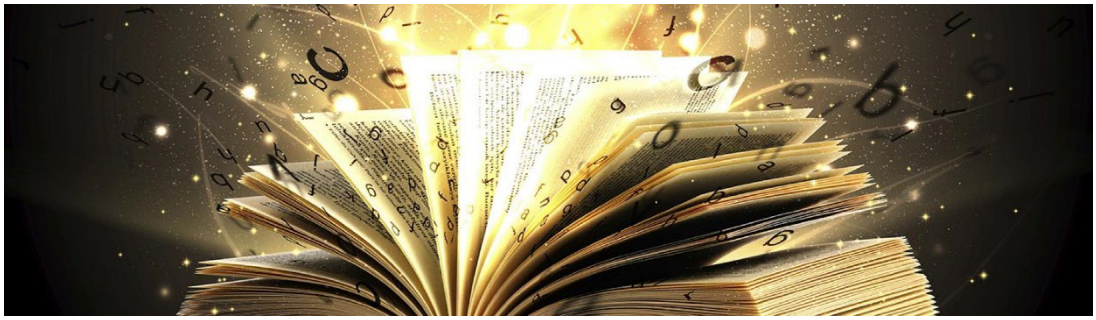
- Mystery at the Theatre: Film as History
- Mayhem in the Manuscripts: Archaeology of the ancient world.
- Murder under the Microscope: Crime and punishment

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

For further information contact: Ms Hannah Joseph or Mr Ben Szota

English

English is a compulsory 100 hour course for both Year 9 and Year 10. Both English and English Honours students study all compulsory components of the Stage 5 English syllabus with English Honours class studying a slightly modified curriculum.



English Honours

Students who demonstrate advanced English skills, strong interest in the English literature and a conscientious work ethic may be eligible for placement in the Years 9 & 10 English Honours classes.

The Years 9 & 10 Honours classes are designed to support high achieving English students who have been identified as having the potential to undertake Advanced and Extension English in Stage 6. Students in this class will therefore engage in a modified curriculum designed to extend their learning through the development of advanced level knowledge and skills.

Positions in the Honours Program are contingent on continued application and performance and will be reviewed at the end of each semester to ensure all students are appropriately placed.

Course Fee: $20 per year

Food Technology

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, 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 quality of life. Food in Australia

- Food service and catering
- Food equity
- Food for specific 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 about 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. This course provides a balance of theory and practical activities.

Course requirements: Students must wear enclosed full leather shoes in the Food Technology classroom. Loose clothing and hair must be secured during practical work.

Course fee: $120 per year

For further information contact: Mrs Joanne Southwell

Industrial Technology – Metal

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

The course comprises two content areas: Metal and Art Metal. Both areas develop knowledge and skills in the use of tools, materials and techniques related to focus area. 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.

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

Year 9

Skills Project – Introduction – WHS
Bottle Opener - 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
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.

Year 10

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 Toolbox** and a **Major Work.** Year 10 students design and construct a major work which consists of an independent project and accompanying design folio.

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 footwear and suitable attire for workshop activities. Loose clothing and hair must be tied back or secured safely. 'On Guard' safety tests must be completed before using workshop equipment.

Course fee: $110 per year (+ cost of a major project in year 10)
For further information contact: Mr David Alchin

Industrial Technology – Timber

Students undertaking Industrial Technology – Timber Technology, learn practical skills and develop knowledge and understanding of the principles associated with woodworking. Through a range of practical tasks, student learn to identify and select suitable timber for projects and then develop skills to effectively construct practical projects.

Year 9
The focus of this course is to introduce students to workshop safety, hand tools and basic woodworking equipment.

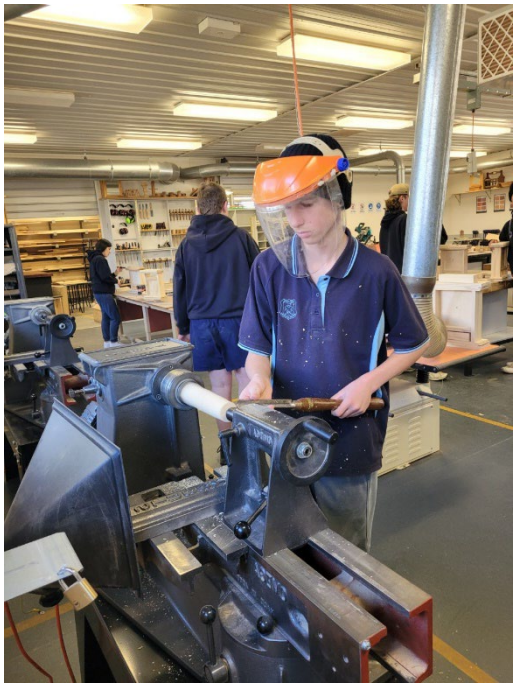
Students can expect to make small skills-based projects learning basic woodworking joints such as cross halving and mitre joints. As the year progresses students can expect to make more complex projects which build on the skills learned earlier in the year.

Students will gain experience in the use of fixed machines, including: the wood lathe, disc sander, drill press, spindle sander and router table.

Written work includes an introduction to the woodwork folio and related study of tools, equipment, joints woodworking history and technical aspects such as seasoning timber.

Year 10
The focus of this course is to build on the skills and knowledge gained during Year 9. Students will make two larger projects throughout the duration of the course. One is a small Occasional Table, and the other is a ‘Mini Major Project’ of the students choosing (within specified guidelines and in consultation with the teacher).

Students explore theoretical content in finer detail to develop a deep understanding of woodworking principles.



Course requirements
Students must wear enclosed leather footwear and suitable attire for workshop activities. Loose clothing and hair must be tied back or secured safely. ‘On Guard’ safety tests must be completed before using workshop equipment.

Course fee: $110 per year

For further information contact: Mr Joe Hardy

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:

Core Content

Design, Produce and Evaluate

Data Handling

Hardware

Issues

Past, Current and Emerging Technologies

People

Software

Projects
Used to integrate Core Content with Options

Options

Artificial Intelligence, Simulation and Modelling

Authoring and Multimedia

Database Design

Digital Media

Internet and Website Development

Networking Systems

Robotics and Automated Systems

Software Development and Programming

Course Fee: $20 per year

For further information contact: Mr John Silvestro

iSTEM

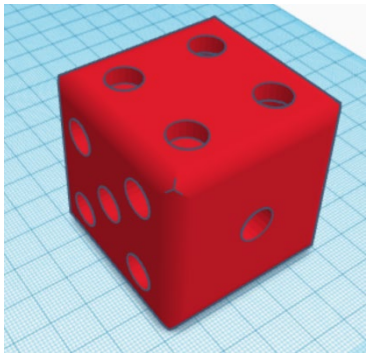
iSTEM, or Integrated Science Technology Engineering and Mathematics, refers collectively to the subject with a broad field of distinct and complementary approaches to knowledge. Each has a critical role to play, but also enables discovery and progress in other fields.

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 a scientific experiment for the International Space Station and building autonomous robots.

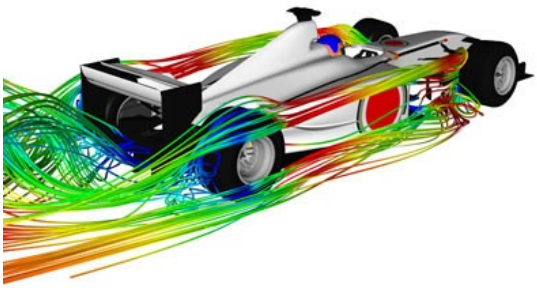
Modules Available for Study in the Course			
Core Modules:	STEM Fundamentals	STEM Project-Based Learning	
Elective Modules	Computer Aided Design	Critical Problem Solving	Project-Based Learning Extension
Specialised Modules:	Advanced Manufacturing	Aeronautical Engineering	Agri Tech
	Cyber Security	Design for Space	Mechatronics
	Med Tech	Surveying	Sustainable Transport

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

- Aircraft design
- 3D and machine printing
- Rockets
- Civil engineering
- Robotics
- Coding scientific experiments
- Electronics and circuits
- Technology in Agriculture



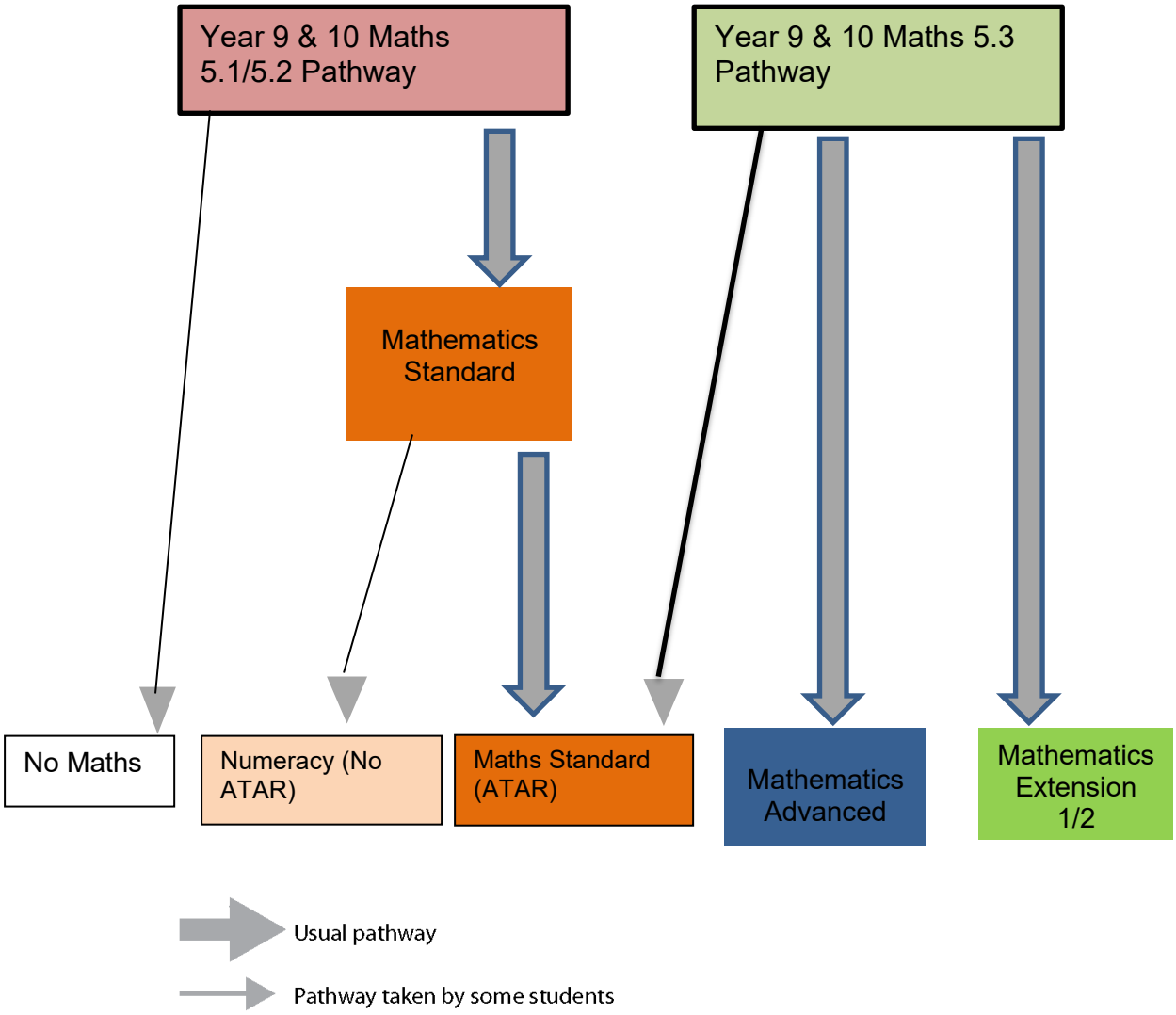
The projects completed by students in collaboration with community STEM based businesses.



Course Fee: $55 per year & BYOD is desirable

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

Mathematics Pathways



Mathematics

All maths classes at Yass High are created purely on academic performance. Student's need to think deeply about what sort of career they would like after high school as lack of effort and engagement now will mean they severely limit their options into years 11 & 12.
Each pathway is assessed in accordance with the standards of that pathway, a student may well obtain an 'A' for a specific outcome in that course however, when it comes to ROSA assessments, only students in the 5.3 pathway will be eligible for an 'A10 or A9' on their ROSA certificate.

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. Additionally, 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 skyscraper, 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:
Mrs Ruth Riach

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.

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

Equipment: Visual arts Diary

Course Fee: $50 per year

For further information contact: Mrs Ruth Riach

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Yass High School

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