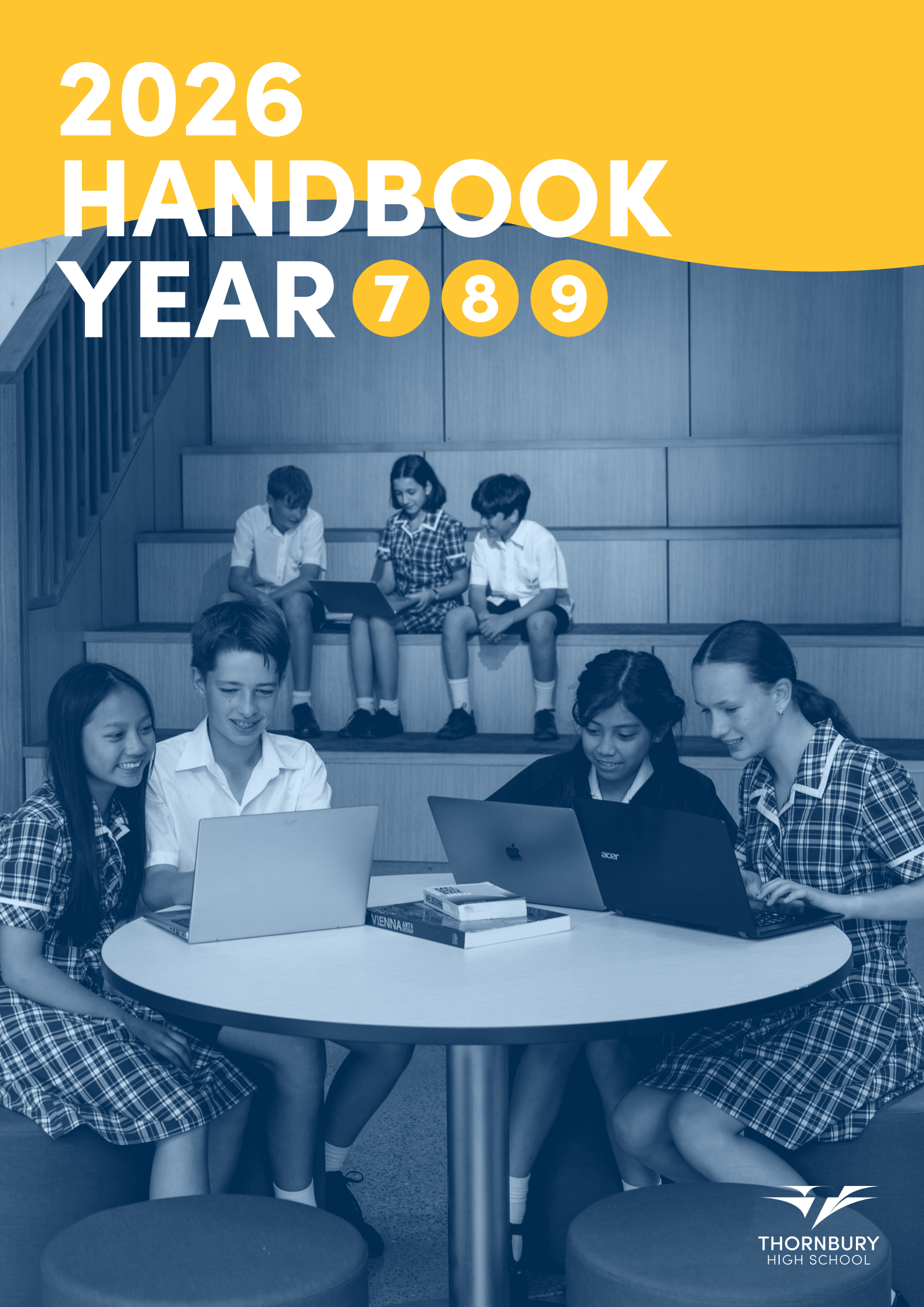
2026 HANDBOOK YEAR 7 8 9



THORNBURY
HIGH SCHOOL

INTRODUCTION

Welcome to Years 7, 8 & 9 at Thornbury High School - a time of discovery, growth and opportunity.

As students journey through their junior years, they are supported to develop the knowledge, skills, and habits that lay the foundation for success in the senior years and beyond.

At Thornbury High School, we pride ourselves on fostering a culture of trust, curiosity, and academic excellence. Our dedicated staff, purpose-built learning environments, and strong student support structures ensure that every young person feels known, valued, and challenged. Whether transitioning into Year 7 or exploring new subjects and electives in Year 9, students are encouraged to build positive relationships, engage deeply in learning, and develop confidence in their own abilities.

Throughout Years 7 to 9, students experience a broad and balanced curriculum across English, Mathematics, Science, Humanities, Health & PE, The Arts, Technologies, and Languages. In Year 9, students begin to shape their future through elective choices, laying the groundwork for subject pathways in the Senior School.

These years are not only about academic development, but also about fostering independence, creativity, and responsibility. With a strong focus on wellbeing, respectful relationships and student voice, we aim to nurture young people who are resilient, reflective, and ready to make a positive contribution to their world.

We are excited to partner with families during this important stage and look forward to the growth, successes and experiences ahead.

TEACHING & LEARNING AT THORNBURY HIGH SCHOOL

In 2024 the school developed a new Learning Model aimed at building a sharing understanding of great teaching and learning practices across the school. Its aim was to allow all students to feel confident, challenged and supported, no matter which classroom they walk into. The implementation of our Learning model will give all teachers a common structure so students can experience:

- Clarity – you always know the purpose of the lesson and what success looks like.
- Consistency – familiar routines and language make it easier to settle quickly and focus on learning.
- Engagement – varied activities keep lessons lively, interactive and relevant to real life.
- Ownership – regular opportunities to wonder, collaborate and apply knowledge help you think deeply and learn independently.
- Progress you can see – clear modelling, guided practice and frequent review mean misconceptions are spotted early and feedback is immediate, boosting confidence and results.

CONDITIONS FOR EXCEPTIONAL LEARNING

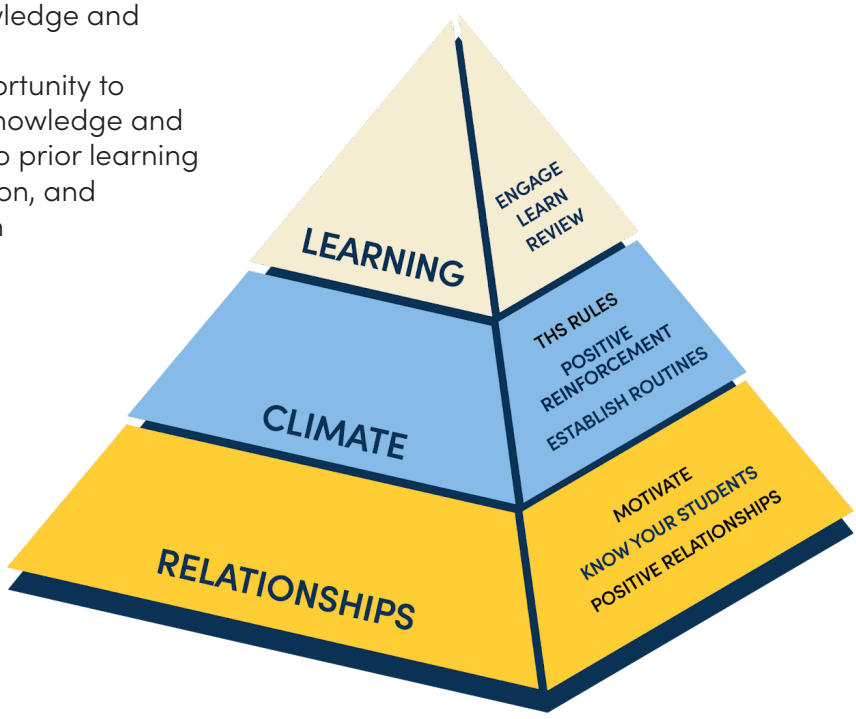
All students can experience learning success by maintaining high expectations, modelling expected behaviours and responding to students' needs. This approach to building and sustaining high expectations fosters belonging, positive relationships and effective teaching and learning.

Relationships:
- Teachers know their students
- Build positive relationships
- Motivate through high expectations

Climate:
- Uphold THS Rules & Norms
- Establish and rehearse effective routines
- Positive reinforcement and respond to non compliance

Learning:
- Engage in the learning purpose, and connect prior knowledge to new concepts
- Explicitly communicate new knowledge and demonstrate skills to students
- Provide all students with the opportunity to practice and demonstrate their knowledge and skills, and connect new learning to prior learning
- Encourage deep thinking, reflection, and sense-making of new information

LEARNING PYRAMID



KEY LEARNING AREA LEADERS

Seamus Kavanagh
Head of English

Fiona Parrey
Head of Performing Arts

Trent Morison
Head of Health & PE

Erin Copeland
Head of Science
& DigiTech

Sheraz Salama
Head of Visual Arts
& Design

Sheraz Salama
Head of Food Technology

Leah Shields
Head of Humanities

Alessandra Borg
Head of Languages

Samuel McDowell
Head of Mathematics

HIGH EXPECTATIONS FOR SUCCESS

We regard the learning and teaching process as a partnership between students, parents and staff. We expect our students to actively participate in this process and to take increasing personal responsibility for their own learning and avoid behaviour that impacts negatively on the learning of others.

We similarly expect our parent community to support their children both directly, by providing them with appropriate materials, monitoring homework and wide-reading, as well as indirectly, by supporting the school and its policies.

Parents and students should be aware that promotion of students to a higher year level is not automatic. Levels of achievement, completion of coursework, attendance and other considerations will be taken into account.

Minimum standards:

- Achieve at least an 'acceptable' work standard in all five work habits
- Receive an overall of at least 50% in all subjects.
- Minimum attendance of 90% - this means a minimum of 9 days attendance every fortnight.

In cases where there is an inability to meet promotion requirements a meeting will be held to discuss pathways.

SUBJECT CONTRIBUTIONS

As part of our ongoing commitment to delivering high-quality educational experiences, we ask families to make financial contributions for each subject their child elects to study. These contributions play a vital role in enhancing the learning opportunities and resources available to students, helping us maintain the high standards of our programs.

Example from the Family Contributions document:

Students Selected Subjects	Subject Contributions
Subjects are listed in the year level handbooks that were handed out at the futures expo night in the previous year. Copies of these handbooks are available from the General Office or via Compass School Documentation. Selected subjects will appear on Compass for individual students.	$20 - 200

Subject contributions typically range from $20.00 to $200.00 per subject, depending on the materials and experiences involved. These contributions directly support the purchase of additional resources, the facilitation of excursions and special events, and the enhancement of hands-on learning opportunities. They ensure that our curriculum remains engaging, well-resourced, and enriched with real-world learning experiences.

It is important to emphasise that these contributions are not a fee or charge for the subject but a means to ensure that all students have access to the best possible learning environment. By contributing, families help sustain the educational quality of the subject and ensure that resources are available for every student.

We understand that every family's financial circumstances are different, and we make every effort to keep costs reasonable and transparent. Your support, no matter the amount, makes a meaningful difference. By contributing, families help sustain the quality and breadth of our educational offerings. Together we can continue to provide an outstanding learning journey for every student.

Thank you for your support.

YEAR 7 8

YEAR 7 + 8 @ THS

Years 7 and 8 focus on helping students transition successfully into secondary school, build strong foundations for future learning, and discover their interests and strengths in a nurturing, high-expectation environment.

In Year 7, students are transitioned to high school though our Year 7 Centre, designed to provide a sense of belonging and security. Supported by a dedicated team of teachers and peer mentors, students quickly develop positive relationships, feel known and valued, and are empowered to engage with their learning confidently. Our focus is on creating a calm, structured and inclusive climate where every student is challenged to achieve their best.

In Year 8, students consolidate the growth from Year 7 while continuing to develop as independent, responsible learners. We maintain high expectations for behaviour, attendance and uniform, and work closely with families to support each student's success.

Across both years, classroom teachers, Year Level Leaders and Coordinators collaborate regularly to review student progress, plan engaging curriculum, and coordinate enriching extracurricular activities. Communication with families remains a priority, with Compass and direct contact keeping everyone informed and connected.

These early years at Thornbury High School are the foundation for a vibrant and successful secondary school journey.

All information regarding school rules, policies and procedures are outlined on the school website.

OVERVIEW OF THE YEAR 7 + 8 CURRICULUM

The curriculum at year 7 and 8 is made up of core (compulsory) subjects. The tables below give an overview of the year 7 and 8 curriculum and indicate the number of periods per fortnight allocated to each subject or Key Learning Area. Each period is 60 minutes.

YEAR 7 SUBJECTS	PERIODS PER FORTNIGHT
English	8
Mathematics	8
Science & Digital Technologies	6
Humanities	6
Languages	5
Health*/Food Studies*	2
Physical Education	6
VIsual Arts & Design	5
Performing Arts	4
TOTAL	50

*One semester each

YEAR 8 SUBJECTS	PERIODS PER FORTNIGHT
English	6
Mathematics	6
English Focus*/ Maths Focus*	4
Science	5
Humanities	5
Languages + Italian Immersion	5
Digital Technologies*/ Food Studies*	4
Physical Education	4
Health	2
Visual Arts & Design	5
Performing Arts	4
TOTAL	50

*One semester each

SUBJECTS

ENGLISH

Students participate in a range of activities designed to extend their abilities in the modes of English. These activities include reading and analysing texts (novels, short stories, poetry and newspaper articles), the development of strategies for writing a range of text types, and listening to or producing a range of spoken texts. Students also undertake English focus, a low-stakes-writing program, which aims to foster confidence and experimentation in their writing, without the pressure of formal assessment.

A wide reading program operates for all students in years 7 and 8. Reading classes are held in the Library. All students are encouraged to read extensively at home as a regular part of their English homework. Parents are requested to take an active interest in monitoring their child's reading.

MATHEMATICS

The year 7 and 8 Mathematics program covers topics across Number, Algebra, Measurement, Space, Probability and Statistics. Students develop proficiency through tasks and activities involving fluency (the basics), understanding, problem solving and reasoning.

Maths Focus in Year 8 provides students with an opportunity to further develop their Probability and Statistics skills through project and game-based learning, with ongoing feedback provided through regular formative assessment.
Students are required to keep an organised workbook with all class notes, exercises and homework. Homework should enable students to finish class work, projects and other set tasks.

As part of the fortnightly learning schedule, students use the ICT platform 'Mangahigh' to consolidate and review skills taught, and support or stretch knowledge and confidence within a topic.

DIGITAL TECHNOLOGIES

In students' first year, the program gives students the opportunity to utilise the Google suite of applications to acquire, analyse, and evaluate various types of data relating to scientific experimentation. Modeling and graphing are the primary focus at this level. At Year 8 students investigate how drones are utilised in a variety of real world situations. They learn how to pilot a drone safely and in accordance with all laws and regulations, plus they program the drone to perform tasks autonomously. They learn vital programming skills through a range of challenges in the Python programming language, culminating in their own computer game. Students learn how computers represent, store and transfer data. They investigate machine learning through teaching and testing an AI model.

SCIENCE

In Year 7 & 8 Science students are introduced to the core science disciplines (biological, chemical, physical, and Earth and space sciences) with a focus on explaining scientific phenomena and its applications. Students are taught the tenets of the scientific method, learning how to scientifically question and predict, plan and conduct experiments, make accurate measurements and record data, and analyse results to draw conclusions. They learn the importance of controlling and manipulating variables to identify cause-and-effect relationships between system components, and explore ways to explain these relationships using appropriate scientific representations.

Students investigate the role of classification in ordering and organising information about living and non-living things, and develop models including food webs and biomass pyramids to represent and analyse the flow of energy through ecosystems. They link form and function at a cellular level and explore the organisation and interconnectedness of body systems. Students will research Earth's resources, such as renewables and non-renewables, investigate relationships in the Earth-Sun-Moon system and discover the movement of the Earth's tectonic plates. Students identify and give examples for different forms of energy, and describe the role of energy in causing change in systems, including the role of heat and kinetic energy. They will investigate the flow of electricity through circuits and apply their understanding to the impacts on household energy consumption and will explain changes in an object's motion by considering the interaction between multiple forces. Students will explore changes in matter at a particle level, identify elements, compounds and mixtures, as well as distinguish between chemical and physical changes.

HUMANITIES

The study of Humanities at year 7 focuses on History, Geography and Civics and Citizenship.

When studying History, students gain knowledge and understanding of Ancient Australian, Greek and Chinese societies. They study the defining characteristics of civilisations, how these societies developed over time and how they provided a foundation for modern society. Students learn the foundational skills of historical enquiry, employing key research questions to guide research and report on findings, and analysing a variety of primary and secondary sources.

In the Civics and Citizenship component, Australia's system of government is examined and students explore how this system aims to protect all Australians. Students examine the Australian Constitution and how its features, principles and values shape Australia's democracy.
As part of the Geography component, students learn new ways to record and analyse data and learn how to interpret maps, graphs and apply geospatial tools. Students will conduct fieldwork within their studies of liveability and water.

The study of Humanities at year 8 focuses on History, Geography and Business and Economics.
When studying History, students gain knowledge and understanding of Medieval Europe and also the Renaissance. Students learn the foundational skills of historical enquiry, employing key research questions to guide research and report on findings, and analysis of a variety of primary and secondary sources.

In the Geography component students study physical geography, with an emphasis on Australian landforms and landscapes, examining the processes that shape individual landforms and the values and meanings placed on landforms and landscapes by diverse cultures.

In the Business and Economics component, students will research Australia's economy and workforce, exploring the ways markets work within Australia and the rights and responsibilities of businesses and consumers.

LANGUAGES

Students undertake three years of compulsory study of Languages from Years 7 to 9 with the option to continue studies into Year 10 and VCE. While Italian is the main language taught at Thornbury High School, we also currently have a small number of students studying Greek. Greek is often selected by students from a Greek background, but this is not a requirement.

In Year 7 and 8 Languages classes, students develop speaking, listening, reading, writing, and viewing skills to be able to engage with topics such as general conversation, personal world, family, animals, hobbies, daily routines, food, tourism, travel, and nationalities. To enhance learning, students regularly participate in rehearsing and performing role plays, singing songs, and attending cultural events. Further development of students' language skills is aided through the use of IT both inside and outside of the classroom.

In Year 8, we offer an Italian immersion stream, with students applying for entry into the program towards the end of Year 7. The immersion program combines teaching content from subjects such as Humanities and Performing Arts with the explicit teaching of Italian and continues all the way to senior classes. The Italian program provides opportunities for students to connect with the wider Italian community both locally and through overseas travel and exchange experiences.

PERFORMING ARTS

All year 7 and 8 students learn a musical instrument for free within our integrated Performing Arts curriculum. This program is unique to Thornbury High School, and is the only Northern Metropolitan school to offer this style of 'band-program' to students and parents at no charge.
Students are introduced to the fundamentals of music in a fun and practical way by learning a musical instrument. They receive instrumental lessons from a specialist teacher on their instrument, participate in massed Concert Bands and perform in concerts as part of their ongoing assessment. In these settings, students explore the basic melodic, harmonic and rhythmic concepts featured in their favourite pieces. Singing and body percussion form elements of instrumental lessons as do drama and team-building games.

At year 7 students incorporate acting, script writing and music into a live theatrical performance unit, focussing on Music and Drama. In Year 8, they also investigate Media through filmmaking techniques and storytelling.

VISUAL ARTS & DESIGN

Through Visual Arts, students will complete a range of engaging art projects that will provide them with the opportunity to communicate and express their own ideas through art-making. They will develop and build their critical reasoning and practical skills by exploring ideas, experimenting with a range of media, materials, techniques and art forms such as painting, drawing, printmaking, ceramics, digital design and digital imaging. The program combines both art history and practical artmaking through the investigation and application of the Art elements and by exploring and responding to a range of artists and artworks.

Through Design & Technologies, students will engage in a number of design projects to create quality designed solutions across a range of materials and technologies including textiles, ceramics, plastics, recycled and sustainable materials. Students will develop knowledge and confidence to critically analyse and respond creatively to design challenges. They will plan and manage projects from conception to realisation through a design and production process.

PHYSICAL EDUCATION

In Physical Education, students participate in a broad range of fitness based activities with an emphasis on teamwork and cooperation. Areas of study include: Athletics, Futsal, Badminton, Cricket, Australian Rules Football, Rugby, Gymnastics, Netball, Basketball, Handball, Soccer, Tennis and various other sports leading into Inter School Sport competitions.

All students are expected to participate in the full school PE uniform and are encouraged to wear sunscreen protection and hats during activities in outdoor areas.

Physical Education activities are aligned with the inter and intra-school sporting programs.

HEALTH

In Health, students cover a range of topics including; Respectful Relationships, Sexual Health, Drug Education, Nutrition and Mental Health. Students learn how to take positive action to enhance their own and others' health, safety and wellbeing, by engaging in research, practical activities, discussions and debates. Students will be challenged to evaluate their own health related decision making, to build skills and knowledge as they journey through adolescence. They will discuss and analyse factors that promote risk taking behaviour, as we look to prepare students to make informed decisions throughout their adolescent years.

Students will develop skills in accessing local services and programs directly relating to improving the health of local teenagers.

FOOD STUDIES

In Year 7, students begin to read and interpret recipes, manage tools and equipment such as knives, measuring cups and spoons, learn about personal and kitchen hygiene and how to manage cleaning procedures. Students are introduced to basic cooking techniques including baking, frying and microwaving.

In Year 8, students build on their ability to read and interpret recipes, manage tools and equipment such as stoves, ovens and microwaves, build on their knowledge of healthy eating through the Australian Guide to healthy eating and the five food groups. Students are introduced to the concept of sustainable living and begin to develop their own food products. They produce a variety of dishes that cater to all preferences.

YEAR 9

YEAR 9 @ THS

The year 9 program offers a broad curriculum of core subjects and specialty electives, providing a range of opportunities to develop students' thinking skills, as well as their social and interpersonal skills.

As students enter the Middle School, they are given greater ownership of their learning and are expected to approach it with a more active sense of responsibility. The selection of elective subjects for year 9 is the first, critical step students take towards choosing the direction of their learning in years to follow. This process is intended to give students a chance to explore areas of interest, and to provide some context for the selection of subjects in year 10 and the Senior School.

It is important that careful consideration be given to subject choices. Families are strongly encouraged to involve themselves in the decision making process, discussing options with their child and seeking further information about subjects if required. Teachers and year level teams are also available to support and advise families during this process.

OVERVIEW OF THE YEAR 9 CURRICULUM

The following table gives an overview of the year 9 curriculum and indicates the number of periods per fortnight allocated to each subject or Key Learning Area.

YEAR 9 SUBJECTS	PERIODS PER FORTNIGHT
English	7
Mathematics	7
Science	7
History*/Geography*	7
Languages	5
Physical Education (PE)	4
Health	1
Technologies elective*/Arts elective*	6
Free choice elective x2*	6
TOTAL	50

***One semester each**

ELECTIVE SUBJECTS

KLA	SUBJECT
Humanties	Crime and the Law
Science	Forensic Science
Health & PE	Athlete Development Program
	Fitness and the body
	Sport & Outdoor Recreation
Technologies	Digital Technologies & Robotics
	Food Studies
	Gourmet Traveller
	Textiles Design
The Arts	Ceramics
	Drawing & Painting
	Drama & Theatre Studies
	Media
	Music Performance
	Photography
	Visual Communication Design

INSTRUMENTAL MUSIC

Students may choose to continue their instrumental music studies from the end of year 8, when the free program ends. Students are withdrawn from regular classes for a 30 minute lesson each week. This is an extra-curricular activity that does not influence your elective choices, though is recommended if you are continuing the Music Performance subjects in years 9 or 10.

Instrument hire is approximately $200 annually
Instrumental lessons are approximately $200 annually

CORE SUBJECTS

ENGLISH

Students participate in a range of activities designed to extend their abilities in the dimensions of English. These activities include reading and analysing texts (novels, short stories, poetry, films and newspaper articles), the development of strategies for writing a range of text types, and listening to or producing a range of spoken texts. Students also continue the low-stakes-writing program, which aims to foster confidence and experimentation in their writing, without the pressure of formal assessment.

A wide reading program operates for all students in year 9 in the Library. All students are encouraged to read extensively at home. Parents are requested to take an active interest in monitoring their child's reading.

MATHEMATICS

The year 9 Mathematics program covers topics across Number & Algebra, Measurement & Geometry and Probability & Statistics. Students develop their proficiency through tasks and activities involving fluency, understanding, problem solving and reasoning. As part of the Maths program at year 9, students use the ICT platform 'Mathspace' to further consolidate their fluency. Regular check-in quizzes and diagnostic tasks support and extend the work covered in class.

SCIENCE

The Year 9 Science program sees students develop their understanding of the world around them and how systems operate. They do this through investigations into electricity, energy transfers, the nervous system, chemical substances and their reactions, and Earth's systems. Students investigate and experiment with generating electricity and compare wave and particle models, including the properties and applications of waves. They explain how the nervous and endocrine systems use negative feedback to support homeostasis in the body's internal environment, as well as distinguish between infectious and non-infectious disease and explore disease control measures. Students investigate chemical reactions through experimenting and demonstrate how the Law of Conservation of Mass applies to different chemical systems by balancing the associated equations for these reactions. They explain how interactions within and between Earth's interrelated systems affect the carbon cycle and describe trends in patterns of global climate change and propose strategies to mitigate contributing factors.

HUMANITIES

GEOGRAPHY

Students study the world's biomes and food security. They examine how humans have altered regions to produce food, factors that influence crop yields, and the challenges in feeding the current and projected world populations. A secondary study of globalisation will enable students to explore how people and places are interconnected. Using interactive digital mapping software, students investigate global interconnections, developing critical thinking and problem solving skills.

HISTORY

Students investigate the history of Australia in the period 1788 to 1918. The course covers the consequences of settlement/invasion and the development of Australian society. Key events include Pemulwuy's resistance to the British settlement at Botany Bay, the Gold Rushes, Federation and a major focus on World War One and how Australians responded to the call to arms.

LANGUAGES

Italian is the main language at THS. A small number of students study Greek.

The courses aim to develop the skills of Listening, Speaking, Reading and Writing, as well as an appreciation of the culture of the country of language. The themes for year 9 include 'The World of Teenagers', travel and direction, weather, fashion, cities and home, entertainment and hobbies.

HEALTH & PHYSICAL EDUCATION

Physical Education provides an opportunity for students to participate in a SEPEP (Sport Education in Physical Education Program). In this program students are allocated different roles and responsibilities in a wide range of activities, games and sports.These roles and responsibilities include: coach, player, umpire, scorer, team manager, equipment manager, journalist and time keeper.

Students are expected to use, consolidate and extend individual and group tactics and team work as well as the skills learnt in previous years. Students participate in sports activities including athletics, rugby, football, cricket, soccer, basketball, volleyball, futsal and netball. All students must participate in full sport uniform. They are encouraged to wear sunscreen protection and hats, and to participate in all activities.

Students will complete term long units covering various topics including; Sexual Health, Mental Health, Drug Education and Respectful Relationships. Students will critique behaviours and contextual factors that influence the health and wellbeing of their communities, analysing individual and peer decision making processes to evaluate the risks associated with these choices.

ELECTIVE SUBJECTS

Every student must select at least one arts elective and at least one technologies elective.

THE ARTS

Students must select at least one semester of an arts (performing or visual) subject.

CERAMICS

In this super hands-on elective, you'll develop a range of skills and technical knowledge of all sorts of techniques like pinch pots, coiling, slab construction and surface decoration using earthenware clay. From crafting functional pieces to sculpting your wildest ideas, the possibilities are endless! Plus, you'll learn the art of underglazing, glazing, and firing your creations in the kiln.

DRAWING & PAINTING

Welcome to the Drawing & Painting course! If you choose this subject, you will find yourself in the art classroom, learning to draw, illustrate and paint. This course is all about expressing yourself through a variety of mediums, and regardless of your current level of skill in making artworks, this course can be for you! You will experiment with using acrylic paints, watercolours, gouache, ink, pastels, copic markers, digital drawing, collage, and more! The projects are designed to support you to learn to use these mediums with freedom to explore your own themes, ideas and images that you care about.

Studying Painting & Drawing is a fantastic way to express your thoughts, feelings, and perspectives in a visual format, and strengthens your ability to think outside the box.

In Painting and Drawing, you will be in a supportive and lively classroom where you can share ideas, get feedback, and grow as an artist. Enhance your skills, explore new mediums, and learn to turn the images in your mind's eye into reality!

DRAMA & THEATRE STUDIES

Drama & Theatre Studies offers students the opportunity to create their own theatre pieces and perform to small groups and audiences. They learn about key techniques and practices, and develop their play-making skills to create performance pieces. In workshops, students explore various production role areas, including make-up, lighting, sound and costume.

Students have the opportunity to see live theatre on excursions and analyse professional performances to support the development of their own work. Great for those who enjoy drama and performing.

MEDIA

Rather than simply consuming content online, why not create, star in and publish your own? This course introduces students to the art of film-making and digital media production. Students will gain practical experience in how to make quality video content. They will have the chance to recreate viral memes and generate more traditional media products such as adverts, documentaries and short-films. From scripting and storyboarding, to camera operation and filming techniques, to editing and adding special effects, students will become fully immersed in the pre to post production process.

MUSIC PERFORMANCE

Music Performance explores all aspects of music through listening, creative, and performance activities. Students have the opportunity to play their instruments in small and large ensembles with their peers, collaborating, rehearsing and performing the music that is interesting to them. In Year 9, students also continue to build on their music language and analysis skills to help them understand the music they are playing and listening to in a more in-depth manner. They will have the opportunity to explore these skills through a wide range of composition, improvisation and arranging tasks using both traditional and digital means.

PHOTOGRAPHY

The Photography program covers both traditional and modern photographic techniques. Beginning with digital SLR, students progress to manual analogue photography. They delve into photography's history, drawing inspiration from artists' works to inform their own. The course teaches basic composition, camera handling, analogue film processing, darkroom printing, negative scanning, Adobe Photoshop for image manipulation, and digital photo printing, offering comprehensive skills in photographic artistry.

VISUAL COMMUNICATION DESIGN

In this creative and hands-on elective, students explore four key design fields: environments, messages, objects, and interactive experiences. They will follow the design process to create exciting projects such as brand logos, 3D architectural models, and laser-cut products.

Students will build on their Adobe Illustrator skills and learn to use new professional programs such as SketchUp, while also exploring circular design - designing with sustainability in mind. They will be introduced to the work of contemporary designers and document their ideas, research, and progress in a visual diary.

Please note: Students will be required to install the Creative Cloud application along with Adobe Photoshop and Illustrator to use throughout this elective. These applications are provided free of charge.

ELECTIVE SUBJECTS

TECHNOLOGIES

Students must select at least one semester of a technologies subject.

DIGITAL TECHNOLOGY AND ROBOTICS

The practical and the applied side of computer science! Students combine engineering, mechanisms, computer control, motors and sensors to build autonomous robotic devices powered by an Arduino microcontroller. Students plan, develop and program a digital game using an object oriented programming language such as Python. They will learn how software, hardware, compression and encryption work together in computer networks and answer that burning question, 'Is my phone listening to me?'

FOOD STUDIES

Students will indulge in a culinary journey, investigating the endless possibilities of food, its functions and flavours. Students will build their knowledge in the sensory properties of foods through taste testing and making comparisons between foods. Students will learn about macro and micro nutrients and will acquire skills in producing and evaluating nutritionally balanced meals. Students continue to build on their understanding of the concept of sustainability in relation to becoming informed consumers. Students will develop their own food products following all phases of the design process.

GOURMET TRAVELLER

Students will experience the foods and flavours of different cuisines and cultures that have led to global food variety. They will learn about the foods of the Mediterranean, Asia Pacific, Africa, Europe and the Americas. They will develop an understanding of the different cultures through the preparation and evaluation of typical foods. Students will deepen their knowledge of food preparation techniques with a focus on international cuisines. They will create their own food products by working through all stages of the design process.

TEXTILES DESIGN

Explore the Art of Fashion with Textiles Design! Calling all fashion enthusiasts! Unleash your creativity and bring your unique style to life in our Textiles Design course. Master the sewing machine like a pro, creating trendy bags, cases, bowls, and garments. Express your personal flair, build valuable skills from sewing to problem-solving, and enjoy creative freedom with guided projects. Join Textile Design to transform fabric into fabulous creations and make your mark in fashion!

HUMANITIES

CRIME AND THE LAW

The focus of this elective is 'What is Crime?' and the course focuses on the following areas:

- Crimes against people
- Crimes against property
- Crimes against the state

The aim of the course is to introduce students to the impact of law in our lives and how law impacts upon the individual. The focus of the subject is the criminal law, court procedures and criminal sanctions. Many famous criminal cases are used in the study of the subject.

HEALTH AND PHYSICAL EDUCATION

ATHLETE DEVELOPMENT PROGRAM

The Athlete Development Program will provide student athletes the opportunity to upgrade their athletic performance whilst at school. This subject offers the opportunity for talented athletes at Thornbury High School the opportunity to learn, grow and develop their physical sporting skills as well as participation in strength and conditioning training.

Students participate in specialised physical education classes that focus on specific movements and skills in a range of sports. Students design, implement and evaluate personalised plans for improving or maintaining their own and others' physical activity, fitness, technique and performance levels.
All students are expected to participate in their full school PE uniform and are encouraged to wear sunscreen protection and hats during activities in outdoor areas.

FITNESS AND THE BODY

Students are encouraged to understand their physical fitness capabilities. Its aim is to increase understanding of methods of training, basic anatomy and physiology, energy systems and sports nutrition.
Students will mainly use school facilities but relevant excursions to local sports centres may be organised.
Students will be given the opportunity to develop and participate in training following the implementation of individual training programs based on an extensive fitness testing and data collection period.

SPORTS AND OUTDOOR RECREATION

Students participate in a range of sport and recreation activities designed to utilise facilities here at Thornbury High School as well as recreational facilities and venues in the local community. Students will develop skills and knowledge to assist in their preparation for being an active and responsible member of the community. Students will have the opportunity to work on and improve their leadership, cooperative and problem solving skills through a range of activities.
These activities may include ten pin bowling, mini golf, archery, lawn bowls, laser tag, trampolining, rock climbing, ice skating and beach volleyball.

SCIENCE

FORENSIC SCIENCE

In this unit students will take on the role of Forensic Science investigators for our own CSI. Students will work in a chemistry laboratory to solve hypothetical crimes. They will learn to apply observation and logic, fingerprinting, microscopy, chromatography, DNA profiling and chemical analysis. This unit will help develop higher order thinking skills and prepare students for further studies in Science.

THORNBURY
HIGH SCHOOL

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