

GIVE | GUIDE | GROW

W I L L E T T O N S E N I O R H I G H S C H O O L

YEAR 10

CURRICULUM

2024

Handbook

TABLE OF CONTENTS

STAFF CONTACTS	03
INTRODUCTION	04
2024 NON-COMPULSORY (ELECTIVE) PROGRAMS	06
YEAR 10 COMPULSORY COURSES	07
ELECTIVE COURSES	14
THE ARTS	15
HEALTH AND PHYSICAL EDUCATION	17
HUMANITIES AND SOCIAL SCIENCES	19
LANGUAGES	20
SCIENCE	21
TECHNOLOGIES	22
COURSE COSTS	25



WILLETTON SENIOR HIGH SCHOOL

ADDRESS: Pinetree Gully Rd, Willetton WA 6155

PHONE: (08) 9334 7200

EMAIL: Willetton.SHS@education.wa.edu.au

STAFF CONTACTS

Queries about your child should be directed to the relevant teacher or Year Coordinator in the first instance.

KEY CONTACTS

General enquiries Willetton.SHS.SubjectSelection@education.wa.edu.au

CURRICULUM CONTACTS

The Arts [Cheryl Venter](#)

English [Susan Appleton](#)

Health and Physical Education [Wayne Baseden](#)

Humanities and Social Sciences [John Maxwell](#)

Languages and English as an Additional Language or Dialect [Pia Palermo](#)

Mathematics [Zoe Tay](#)

Science [Lance Taylor](#)

Technologies [Peter Martyr](#)

Vocational Education and Training [Sue Holland](#)





INTRODUCTION

Year 10 is an important transitional year and students are increasingly expected to become independent learners as they are given greater choice in exploring their areas of interest.

Students are required to complete examinations and are encouraged to develop effective learning and study habits that will lead them to success in senior school. Many senior school courses have specific requirements of Year 10 achievement, it is important that in Year 10 students are working towards their aspirations and are demonstrating the capacity to succeed in their preferred senior school pathways.

YEAR 10 CURRICULUM

Students in Year 10 at Willetton Senior High School have access to a comprehensive curriculum that covers eight Learning Areas:

The Arts

Health and Physical Education

Languages

Science

English

Humanities and Social Sciences (HaSS)

Mathematics

Technologies

Embedded across the curriculum are opportunities to explore and enhance students' skills and understandings in the general capabilities:

- Critical and Creative Thinking
- Literacy and Numeracy
- Personal and Social Capability
- Information and Communication Technology Capability
- Ethical Understanding
- Intercultural Understanding

Compulsory subjects are mandated by the School Curriculum and Standards Authority (SCSA), these are English, Health and Physical Education, Humanities and Social Sciences, Mathematics and Science. Students are able to choose three other yearlong elective courses to complete their Year 10 program of study.

CURRICULUM PATHWAYS

As a large and comprehensive school, Willetton offers a number of pathways within learning areas. Placement in pathways is determined by the Learning Area Leaders, using students' achievement, progress and teacher recommendations. Whilst the determination of student placement rests with the school, students and parents should discuss any concerns with their teacher or the Head of Learning Area.

Students who have gained entry to specialist programs prior to Year 10 are expected to continue in these courses in Year 10.

ONLINE LITERACY AND NUMERACY ASSESSMENT (OLNA)

Students in Year 10 who have not achieved band 8 or higher in Year 9 NAPLAN Reading, Writing or Numeracy must sit the relevant OLNA in Years 9-12 until they pass the assessment. To support students, Willetton provides compulsory OLNA preparation classes, these will automatically be timetabled for students needing them. Passing the OLNA is a condition of achieving the WA Certificate of Education in Year 12.

SUBJECT SELECTION ONLINE

Year 10 subject selection will be made online using the platform Subject Selection Online (SSO), instructions for completing this process will be sent to parents by email.

Students must select three non-compulsory courses and descriptions can be found in the relevant Learning Area section of this document. Using the preferences indicated by them, we will endeavour to give students their top preferences and students will be able to review their elective allocations in Term 4.



2023 NON-COMPULSORY (ELECTIVE) PROGRAMS

THE ARTS

Art and Craft

Art Extension (selective program)

Dance

Drama

Media Production

Music

Music Extra (Additional subject)

Piano Instrumental

LANGUAGES

French

Italian

Japanese

HEALTH AND PHYSICAL EDUCATION

Basketball Specialist (selective program)

Focus Sport: AFL Football/Soccer

Focus Sport: Basketball

Health Studies

Outdoor Education

Physical Education Studies

Physical Pursuits

SCIENCE

Psychology

HUMANITIES AND SOCIAL SCIENCES

Entrepreneurship & Innovation Internship

Legal Studies

Philosophy and Ethics

TECHNOLOGIES

Building and Construction

Caring For Children

Computer Science Specialist (selective program)

Design: Graphic

Design: Photography

Design: Dimensional Design (CAD)

Engineering Studies

Fabulous Food

Mechatronics

Metals Engineering

Software Engineering

Textiles

Woodwork: Design and Technology

YEAR 10 COMPULSORY COURSES

ENGLISH LEARNING AREA

ENGLISH

In Year 10, students study the Western Australian English Curriculum, which is based on the three interrelated strands of Language, Literature and Literacy. The focus is on developing students' knowledge, understanding and skills in reading, writing, viewing, speaking, and listening and students will do a range of analytical and creative tasks. Learning in English builds on concepts, skills and processes developed in earlier years, and teachers will revisit and strengthen these as needed. As part of this course, students will develop their functional and critical literacy skills.

Students engage with a range of texts including novels, short stories, poetry, and film. In the mainstream program, students complete ten common assessment tasks over the course of the year, including two exams. This course has an oral component and at least one task is an oral presentation. Year 10 English is designed to prepare students for success in senior school and the increasingly rigorous demands of studies in English. There will be a significant focus on developing the metalanguage needed for success in senior school studies and interrogating the ideological assumptions of increasingly complex texts. All students study a Shakespearean play to assist them to appreciate the evolution of the English language.

Where a student struggles to meet the demands of the mainstream English course, they may be placed in a Modified or Foundations class where they can receive additional support to meet their learning needs. Students in the Gifted and Talented program will study a differentiated program designed to extend and enrich their learning.

ENGLISH EXTENSION

Students who perform highly in Year 9 may be invited to be in an English Extension class in Year 10. Year 10 English Extension is a differentiated course, designed to prepare academically focused students for success in the ATAR senior school English courses, including Literature. Students are supported to develop high-level reading and writing skills in preparation for the rigour of Year 11 and 12 studies. Students will study more complex texts and concepts than the mainstream program and will develop an understanding of the metalanguage required for success in senior school English ATAR courses.



LANGUAGES LEARNING AREA

ENGLISH AS AN ADDITIONAL LANGUAGE/DIALECT

Taking this subject prepares students for senior school study in English and in English as an Additional Language or Dialect. Students who take EALD can derive significant advantage in developing their competency in English. EALD is offered to eligible students to provide an English subject which has a focus on the acquisition and use of Standard Australian English in a cross-cultural and academic context. It is designed to develop English language skills in listening, speaking, reading/viewing and writing in order to give students success in tackling the more academic requirements of senior school across the curriculum. The subject caters for specific needs of students from a non-English language home and/or educational background. This course is offered at General and ATAR level in Year 11 and 12. There is an advantage gained when eligible students who are planning direct entry to university and other tertiary studies take this course. There is support for the student because of a focus on the written and comprehension skills and standards required for all senior school courses.



BACK TO
CONTENTS

08

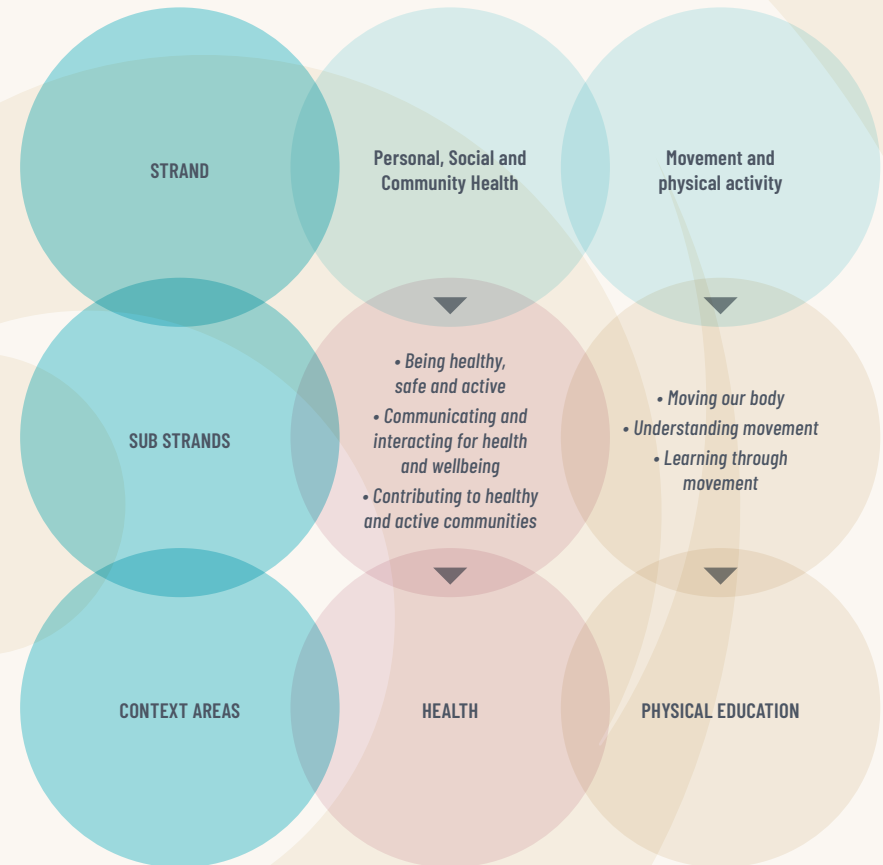
HEALTH AND PHYSICAL EDUCATION LEARNING AREA

Health and Physical Education has three streams available to Year 10 students: general and Specialist Basketball classes (all Year 10 students take one of these) and elective subjects. These are linked to Year 11 courses in Health, Physical Education, Outdoor Education and Certificate II and III qualifications.

YEAR 10 HEALTH AND PHYSICAL EDUCATION GENERAL

This is a compulsory course with two hours of physical activity and one hour of health per week. The course aims to teach students how to enhance their own and others' participation in physical activity, health, safety and wellbeing in varied and changing contexts.

The curriculum has two key strands and a number of sub-strands.



Parents, please note that pictorial, video and other media forms illustrating contemporary, real world scenarios will be used in the delivery of this curriculum especially in Health.



BACK TO CONTENTS

The contexts or focus areas that provide the breadth of learning may include

Health Education

The contexts for health studies are:

Relationships of life

- Analysis of images and messages in the media related to alcohol, drugs, body image and relationships
- Skills and strategies to promote respectful relationships, such as: appropriate emotional responses in a variety of situations, taking action if a relationship is not respectful, appropriate bystander behaviour in physical and online interactions

Contraception and STI's

- Skills and strategies to promote respectful relationships
- Effects of emotional responses on relationships
- External influences on sexuality and sexual health behaviours

Keys for life

- Health campaigns and/or community-based activities designed to raise awareness, influence attitudes, promote healthy behaviours and increase connection to community
- Analysis of images and messages in the media related to road safety, alcohol and other drugs
- Critical health literacy skills and strategies

Impacts on health

- Social, economic and environmental factors that influence health, such as: level of education, income/employment, social networks and supports, housing and access to services
- The impact of societal and cultural influences on personal identity and health behaviour, such as: how diversity and gender are represented in the media, differing cultural beliefs and practices surrounding transition to adulthood.

Physical Education

The contexts for physical activities are:

- Athletics carnivals
 - Swimming carnivals
 - Fitness testing
 - Resistance & fitness training
 - Flag
 - Softball
 - Body & game combat
 - Indigenous games
 - Social dance
 - Netball
 - Hunger Games
 - Tennis
 - Gaelic football
 - European handball
 - International games
 - Speedball
 - Fitness circuits
 - Basic biomechanics
 - Sports nutrition
- These activities link to:**
- Challenge and adventure activities
 - Games and sports
 - Lifelong physical activities
 - Rhythmic and expressive activities

HUMANITIES AND SOCIAL SCIENCES

Study in the Humanities and Social Sciences Learning Area develops students' understanding of how individuals and groups live together and interact with their environment. Students are encouraged to develop respect for cultural heritage and a commitment to social justice, the democratic process and ecological sustainability. In Year 10, the focus is on International Studies and the role of Australia in global affairs. An examination of contemporary Australia, with a focus on issues dealing with national identity and domestic and foreign policy, equips students with background knowledge for senior school courses in Humanities and Social Sciences.

First term focuses on geographical studies. Second term is dedicated to the study of modern history from 1920 to the present. The emphasis is on the inter war period, investigating World War II and social and cultural influences. During the second semester the topics covered are: Civics and Citizenship – Justice at Home and Overseas. The focus during Term 3 is Struggles for Freedoms and Rights. The year will finish with a study of Western Australian economics and business in the context of Australia's economic performance and standard of living using a case study, events and contemporary issues approach.

Strong emphasis is placed on the development of skills which include research, a variety of info-graphic constructions and interpretations, document analysis and topographic maps. Students are instructed in the writing skills used in the study of these areas. They are taught the specific techniques used to write essays, arguments, reports, comparison and description in this subject area.

The Year 10 subject structure is designed to give students a sample of the Humanities and Social Science courses offered in Year 11 and 12 and all students are provided with the opportunity to experience all areas of study. The range of subjects has been selected to inform students, and to meet the changes with the Western Australian Curriculum in the studies of geography, earth and environmental sciences, modern history, politics and law, business and accounting and economics, while preparing students for semester examinations and the academic rigors of senior school studies.

SUBJECT STRUCTURE

- Term 1. Module 1: Environmental Change and Management and Geographies of Human Wellbeing (links to Geography and Earth and Environmental Science)

- Term 2. Module 2: Australia in the Modern World and The Consequences of WWII (links to Modern History and Political and Legal Studies)

- Term 3. Module 3: Civics and Citizenship and Struggle for Freedoms and Rights (links to Modern History and Political and Legal Studies)

- Term 4. Module 4: Measurements of Economic Performance, Government Interventions and changing conditions. (links to Economics, Accounting and Geography)



All Year 10 students study the Western Australian Curriculum which is organised around the interaction of three content strands and four proficiency strands. The proficiency strands are Understanding, Fluency, Problem Solving, and Reasoning. They describe how content is explored or developed through the thinking about and doing of Mathematics. The strand descriptions use language that students require for the development of the higher order thinking skills used in the learning of Mathematics. This language has been incorporated with the content descriptions of the three content strands: Number and Algebra, Measurement and Geometry and Statistics and Probability. The use of this language is essential for success in Years 11 and 12.

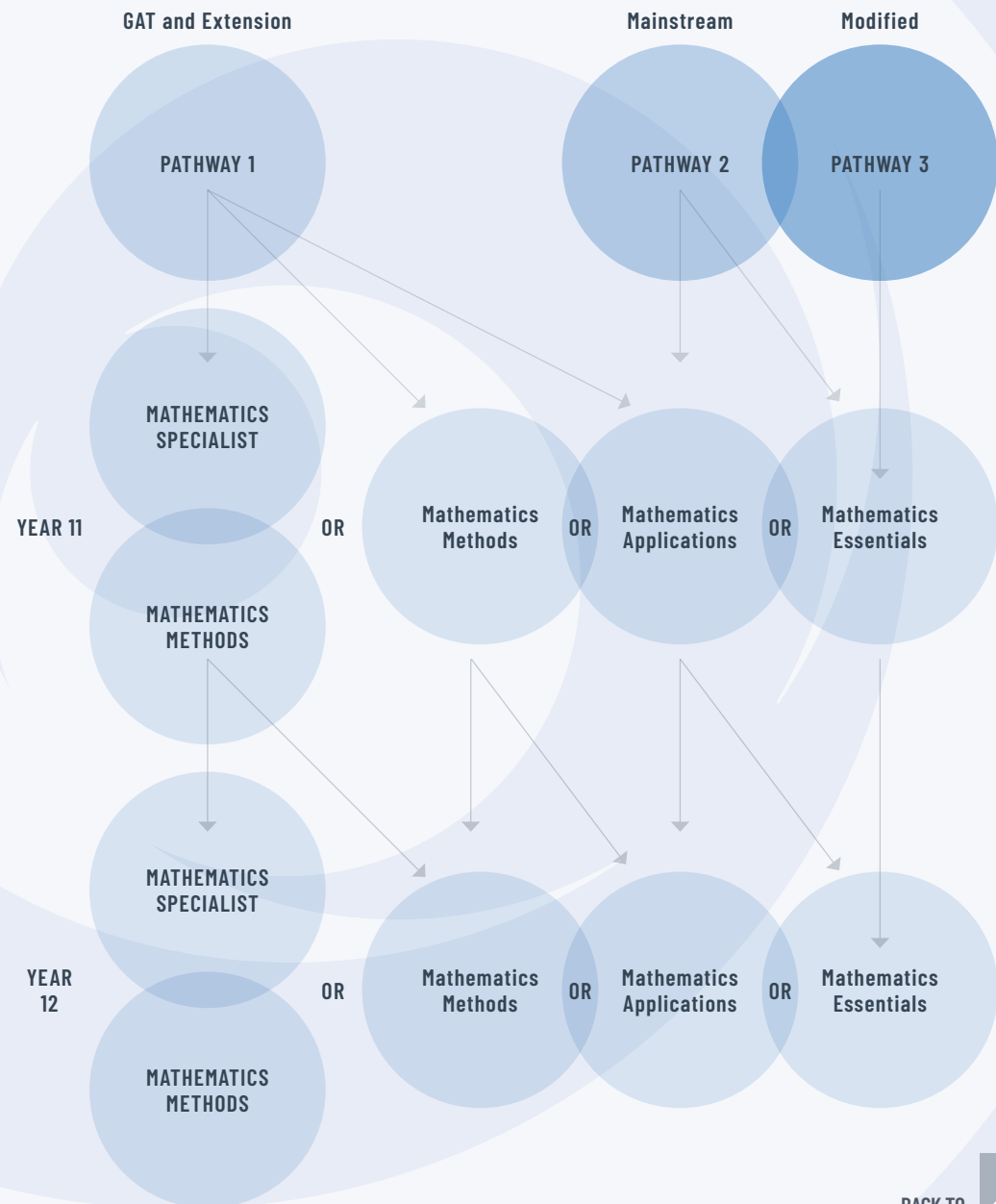
As students' progress in Mathematics is at different rates, in Year 10 the Mathematics programs are designed to cater for clusters of individual needs. Students will be allocated to pathways based on an examination of level of performance in Year 9 and the teachers' judgements of their mathematical development. Most students will continue the Mathematics pathway they studied in Year 9.

The Year 10 pathways are designed to provide sound preparation for further mathematics study in senior school courses and ensure that all students have the opportunity to meet the minimum numeracy standard required to achieve a WACE. Mathematics Applications, Methods and Specialist are ATAR courses whereas Mathematics Essentials is a General subject. Students who have not achieved a high numeracy standard in Year 9 NAPLAN (Band 8 or above) are required to pass the Online Literacy and Numeracy Assessment (OLNA).

Students may have the opportunity to participate in the Australian Mathematics Competition (AMC) and the International Competitions and Assessments for Schools (ICAS).

LINKING YEAR 10 TO SENIOR SCHOOL

Parents and students are encouraged to map their ambitions against these pathways and to ensure that achievement is at the level required for success in further studies.



SCIENCE

Students have the opportunity to study more advanced science topics which will lead to study in science subjects in Year 11 and 12, with a view to their plans for further study and career aspirations. All students cover the compulsory aspects of the course and the following table presents the three pathways along which students can be directed. It also indicates the subjects offered.

Parents and students are encouraged to map their ambitions against these pathways and to ensure that achievement is at the level required for success in further studies.

PATHWAYS

G&T, EXTENSION, PATHWAY 1,	GENERAL	MODIFIED
SEMESTER 1		
Introductory Chemistry	Introductory Chemistry	Introduction to Chemistry and Chemistry in the Home
Advanced Chemistry	Chemistry in the Home	
Cells and Reproduction	Cells and Reproduction	Cells and Reproduction
Genetics	Genetics	Introduction to Genetics
SEMESTER 2		
Physics: Forces and Motion	Introduction to the Physics of Motion Vehicles and Drivers	The Human Body's War Against Disease Introduction to Physics – Aspects of Vehicles and Drivers
Natural Selection and Human Evolution	Natural Selection and Human Evolution	Introduction to Natural Selection and Human Evolution
LINKING YEAR 10 TO SENIOR SCHOOL		
Physics		
Chemistry		
Biological Sciences	Biological Science	
Human Biological Science	Human Biological Science	
Integrated Science	Integrated Science	Integrated Science

EXTENSION SCIENCE

Year 9 Science Extension students will usually continue into Year 10 Science Extension. New students will be selected to participate in the program if there are vacancies. Students in the extension subject study the common course as well as undertaking an extended investigation. The investigations can lead to participation in BHP–Billiton, STAWA Science Talent Search and other science competitions



YEAR 10 ELECTIVES

Non-compulsory subjects are called electives. All elective subjects run for the full year and many are designed to provide students with insight to the nature and requirements of the course as it is offered at Year 11 level, however they are not prerequisites. Students are able to focus on a learning area and need not choose a subject from each field of study. Please note that only two units of additional Physical Education are allowed (this includes Basketball Specialist). Experiencing a range of subjects in Year 10 can assist students in making choices about what to study in Years 11 and 12.

For courses, except Languages, there is no expectation that students will participate at Year 10 level as preparation for studying it in Year 11. Students intending to take a Language course in Year 11 are required to enroll in the Year 10 subject.



[BACK TO CONTENTS](#)

THE ARTS

The Arts are central to the lives of young people. The Arts brings communities together in a natural form of expression, is universal in its communication and provides a means of expressing ideas and emotions through sounds, images, words and movement in ways that enhance our lives. Students continue to develop their skills in communication, collaboration, critical thinking and creativity and develop a mindset of continuous learning.

Year 10 Arts electives are designed to provide learning experiences that tap into the joy of creative activities. They also extend students in the practical and principal aspects of arts ideas, skills and values and provide a foundation for Year 11 courses. The curriculum is separated into Visual Arts and Performance Arts and students can choose from one or both streams.



VISUAL ARTS

ART and CRAFT

This subject introduces the many exciting areas of art and craft. Drawing and design skills are developed and form the basis for fine art projects such as painting and sculpture or works of a functional or decorative nature such as textiles and ceramics. Students complete a range of smaller tasks and have the opportunity to work in areas of particular interest such as wearable art, painting, ceramics or printmaking.

Students who are successful in this subject will be prepared to consider senior school Art in the ATAR and/or General pathways.

MEDIA PRODUCTION

This is a subject which enables students to research and consider how a full media narrative may be constructed. Students are cast in the role of journalists. They learn the language of journalism and techniques used to steer viewer opinions.

In the second unit of this subject, students create an original short film. In preparing for the production, they learn about production techniques, media languages, target audiences and marketing campaign strategies.

Students who successfully complete this subject will be well prepared to study the Media Production and Analysis ATAR and/or General course in Year 11.

PERFORMANCE ARTS

DANCE

This subject continues the dance styles studied in Year 7, 8 and 9 with the aim of improving and extending students' dance application skills. It provides strategies and exercises for improving balance, strength and agility which enhance and develop performance persona.

The subject also defines students' skills by emphasising contemporary dance and the basic improvisational skills required for dance composition (choreography). Students are provided with as many opportunities as possible to create and develop their own dance works.

Students who are successful in this subject will be well prepared to enter the ATAR or General Dance course.

Please note: Students are required to attend all classes appropriately dressed. They may be required to attend some rehearsals and performances out of school hours.

DRAMA

Students who participate in drama develop important skills used when called upon to present or perform in many contexts – applying for employment, scholarships and medical school; interviews, speaking at meetings and displaying projects at work; and in social situations.

The subject provides a substantial introduction to Year 11 Drama. Students can choose to focus on performance or production as the class works on a group devised and scripted theatre production to be performed for a live audience as the final assessment. Students are offered opportunities to view theatre productions and to participate in the Front of House extra-curricular program.

A background in drama and production is an asset in school and in further study as oral or group assessments are used in many programs. This is one of the few courses that teaches these skills. Students also gain significant enjoyment and self-development from drama and production.

MUSIC

Prerequisites: The course is designed for students who have completed Music and Instrumental and Ensemble Music in Year 9 or who have successfully sat external examinations or studied privately at a commensurate level and gained approval by the staff in the music department.

This subject is not suitable for students who do not have instrumental skills and music theory knowledge. Note: Voice (singing) is offered as an instrument.

The course is composed of three subjects: Class Music, Instrumental Music and Ensemble. Group instruction is provided on the chosen instrument/s for up to 40 minutes per week by specialist teachers (usually from the state School of Instrumental Music). This is supported by class studies in aural perception, theory and history. Students who complete this course will be well prepared to enter Year 11 ATAR Music or Certificate II in Music.

MUSIC EXTRA

This is an opportunity for students to continue with the SIM program. The study of Class Music is compulsory for students wishing to access the SIM program and the subject gives students the opportunity to continue their instrumental studies in Year 10 and to study three elective subjects.

Music extra requires a two hour commitment before and/or after school to complete the theory and ensemble components of the course. Only experienced musicians will be accepted into this subject and applicants must seek approval from Ms Peake or Ms Templar.

PIANO KEYBOARDING INSTRUMENTAL GROUP

This is an additional subject and will not take up one of the elective choices.

This subject is for students who have some existing instrumental skills, can read sheet music and have some theory background. It is designed for students who wish to continue to develop piano keyboard skills and for those who have learned another instrument and have an interest in piano.

All levels of ability are catered for as the delivery is based on individual progress and is conducted in very small groups as part of our instrumental program.

Students are encouraged to develop skills in performance, music literacy and aural training. Students who complete this subject will be well prepared to enter the one-year Certificate II in Music in Year 11 or 12.



HEALTH AND PHYSICAL EDUCATION

Health and Physical Education offer three Year 10 electives. Some selections include a theory component.

Focus Sport: AFL/Soccer (10HFBL) Leads to	Focus Sport: Basketball (10HBB) Leads to	Health Education Studies (10HHES) Leads to	Outdoor Education (10HOE) Leads to	Physical Education Studies (10HPES) Leads to	Physical Pursuits (10HPP) Leads to
Year 11 GENERAL or ATAR Physical Education Studies and Certificate II courses	Year 11 GENERAL or ATAR Physical Education Studies Basketball Specialist (Selected students only)	Year 11 GENERAL or ATAR Health Studies and Certificate II courses	Year 11 GENERAL Outdoor Education	Year 11 GENERAL or ATAR Physical Education Studies and Certificate II courses	Year 11 GENERAL or ATAR Physical Education Studies and Certificate II courses

YEAR 10 SPECIALIST BASKETBALL

The application and selection process requires prerequisites;

- a basketball skills and strategies assessment,
- the ability to maintain a high level of fitness matching WSHS Basketball standards, and
- an assessment of attitude and academic achievement.

The program has a strict code of behaviour and academic standard requirements. Students must fulfil these requirements each year or risk the chance of being withdrawn from the program. For those students not selected into the program at their first try, trials are conducted early each year for the following year. A prospectus for application can be obtained from the school website at <https://www.willemtonshs.wa.edu.au/specialist-basketball/>

SUBJECT DESCRIPTION

These students participate in all focus areas of the Health course and their practical Physical Education component is modified to reflect a significant amount of Basketball. They undertake four hours of Physical Activity predominately in a Basketball context and one hour of Health per week.

In Year 7 – 10, students will also be involved in a program to outline key concepts required to be successful as a Basketball athlete and beyond through the Basketball Enrichment program.

Flexible Timetables: All electives will operate some form of flexi-time to accommodate travel. This time will involve one of the following times; before school/ Session 1, recess/session 3, lunch/session 4 or session 5/after school. These times are determined by where the selection sits in the overall timetable and students must be prepared to commit to these times.

Participating in the flexible timetable requires students to strictly comply with rules and, before selecting any of these subjects, they must consider the responsibilities that flexible timetabling may impose.

FOCUS SPORT: AFL FOOTBALL/SOCCER

A flexible timetable may operate for sections of this subject.

Students selecting this subject have the opportunity to advance their personal skills and be involved in game play. They should be highly motivated and prepared to exhibit a keen interest in the game of soccer (outdoor and indoor) and Australian Rules Football (AFL) with a desire to improve personal skills.

This subject involves one semester devoted to each sport. The nature of team games requires that students work cooperatively to achieve the team's desired outcomes.

FOCUS SPORT: BASKETBALL

A flexible timetable may operate for sections of this subject.

This subject is offered to non-Specialist Basketball Program students. Students selecting this subject have the opportunity to advance their personal skills and have an understanding of gameplay in the sport of basketball. Students should be highly motivated and have a strong desire to shift their personal skills above their current level.

Students demonstrating a high level of skill, match play involvement and a strong work ethic may be considered for the Basketball Specialist ATAR or General programs in Years 11 and 12.



HEALTH STUDIES

Overall health is an integral part of a fulfilling lifestyle. Careers in the health field incorporate a wide variety of occupations such as first aid officer, general practitioners in the medical field and medical researchers and engineers.

This subject provides students with the opportunity to explore a range of contemporary health issues such as mental health, wellness, road trauma and resilience. Students will develop links to community and access services and initiatives in health and health promotion. They use a range of practical and collaborative methods to design interventions that aim to improve health outcomes for both individuals and communities. This subject provides skills and understandings that are highly relevant to the course content in Year 11 and 12 Health Studies.

OUTDOOR EDUCATION

Students must have confident swimming ability in aquatic settings; this will be assessed by a 200m continuous swim before enrolments are finalised.

A flexible timetable operates for sections of this subject.

This subject is specifically set up to prepare students with the concepts, knowledge and skills that can lead into the Year 11 General Outdoor Education course. Highly practical, it allows students to develop skills in the following pursuits: kayaking, bush cooking, team building, beach games, survival swimming, snorkeling, roping, indoor rock climbing and fishing.

PHYSICAL EDUCATION STUDIES

A flexible timetable operates for sections of this subject.

This subject is specifically set up to prepare students for the basic concepts that can lead into Year 11 Physical Education Studies or Certificate II Sport and Recreation. The program has a theory component of approximately 50% and the remaining 50% is made up of practical sports that include touch rugby and indoor sports.

Students who are interested in taking Physical Education Studies in Year 11/12 are advised to take this subject as it introduces key concepts and skills which will allow them to have some awareness of the demands in senior school.

NB: Timetable constraints may require a modification to the content to suit travel needs.

PHYSICAL PURSUITS

A flexible timetable operates for sections of this subject.

This subject provides students to activities that can help them maintain a healthy lifestyle once they leave school. Gym, boxing and (possibly) Dark Zone sessions have a fitness flavour and ten pin bowling, Pot Black and Supagolf are less physically demanding activities to balance student needs.

NB: Timetable restraints may require a modification to the content to suit travel needs.



BACK TO
CONTENTS

HUMANITIES AND SOCIAL SCIENCES

ENTREPRENEURSHIP AND INNOVATION

The course will provide students with the fundamental knowledge in entrepreneurial and innovative skills. Students will learn how to think independently and act accordingly by understanding that being an entrepreneur is more than just starting a business. Entrepreneurship and innovation assists students to recognise and analyse good business opportunities, learn how to communicate effectively through building professional networks and capture value from potential projects. Students work through a range of practical and theoretical skill developing activities to end the course with their own business plan and/or prototype.

A university partnership will be part of the program for those students accepted into the course. Participation in the program will allow students to develop a relationship with a local university, access to university staff and facilities and will receive opportunities to participate in intense university programs and even gain credits for university courses in subsequent years, in the areas of business innovation.

A selection process will be run to determine places in the internship program, students not admitted to the internship will be given a place in Entrepreneurship and Innovation General, which also involves a university program embedded in the course.

Upon successful completion of this course, students should:

- Attain essential theoretical and practical knowledge in the process of entrepreneurship and innovation by learning how to take an initial idea to creating a successful business opportunity.
- Employ frameworks to systematically recognise potential business opportunities and learn how to interpret and evaluate business decisions.
- Identify and address potential risks and problems that may arise during the different stages in your business.
- Generate ideas using a vast range of innovative thinking tools in an entrepreneurial context.
- Learn how to be creative with ICT to help develop potential business ventures.
- Develop a comprehensive understanding of marketing and management skills.
- Demonstrate problem solving skills for real world business and social issues.
- Demonstrate ethical awareness when creating creative entrepreneurial venture propositions.

Links to future potential studies – Willetton Senior High School has created this specialised course specifically for students who are interested in pursuing a career in business ownership and/or being a leader in the corporate, commercial or legal world.

LEGAL STUDIES

Law affects our everyday lives and is informed by the values of our community. Seeking knowledge of how the law works and exploring legal issues, especially those affecting youth, is an exciting area of study. This subject gives some understanding of how laws are made and applied, of the problems that sometimes occur in their application and of broader legal issues.

Topics covered include:

- Legal Principles
- Criminal Law
- Trial by Jury
- The Adversarial System of Law
- Cold Case Reviews and Miscarriages of justice
- Crime and Punishment
- Justice Reinvestment
- Law Making

Students participate in a variety of activities such as mock parliaments and mock trials, debates, researching legal issues and documentary presentation of research. The knowledge acquired can be used as an introduction to aspects of senior school courses that deal with law and politics.

PHILOSOPHY AND ETHICS

This subject prepares students for the study of Philosophy in Years 11 and 12 and at tertiary level.

Philosophy is especially valuable in the areas of law, politics, economics and medical sciences and many universities offer elite students entry to courses in philosophy. It encourages the study of how we construct meaning, improves thinking skills and the ability to formulate and express sophisticated argument. This leads to improvement in writing and speaking. It also assists in study and develops the ability to understand and analyses complex concepts.

Philosophy poses questions about the rights and wrongs of our actions and explains a number of different ways we can approach these questions. In this subject students question, discuss and debate ideas and how they can apply to everyday life. Rhetoric, an important concept in the English courses, is part of the study of the language of philosophy.

LANGUAGES

Students who successfully complete the Year 10 language subject will have the opportunity to enter the ATAR second language courses in Year 11 and Year 12.

Universities have a bonus point scheme for Year 12 students who successfully complete language study in senior school. The Universities have introduced a 10% TEA bonus for students studying Languages in Year 12 regardless of the degree course for which they apply.

These subjects are **not suitable for beginning students** so if students wish to begin to study a language, please contact Mr Nathan Harvey (Head of Languages) to discuss choices.

FRENCH

This subject is designed for students who enjoy the challenge of studying French and are considering continuing it into senior school.

SEMESTER 1

The focus of this semester is *Ma routine journaliere* and *En forme*. Students explore the French language and culture from a personal perspective, enabling them to share personal information and obtain information from others. Topics include youth leisure activities and maintaining a healthy lifestyle.

SEMESTER 2

The focus for this semester is *Au travail* and *Vive les vacances*. Students focus on French-speaking regions, community and countries, in order to understand the diversity of the French-speaking world. Topics include future plans and careers, planning holidays and theme parks.

Students will have the opportunity to participate in extracurricular extension opportunities related to French and join the student exchange tour to France every second year.

ITALIAN

The subject is designed for students who enjoy the challenge of studying Italian and are considering continuing language study into senior school.

SEMESTER 1

The focus for this subject is *In vacanza* and *il mio passato*. It introduces students to the Italian language and culture from a personal perspective, enabling them to share and obtain information from others related to personal identity, aspects of living in Italy, and popular culture. They begin to develop an understanding of what it is to be Italian and Italian-speaking, and compare their own lives with those of others in Italy. Topics include planning holidays in Italy and activities for Italian visitors in Perth.

SEMESTER 2

The focus for this subject is *Il mio domain* and *le mie cose preferite*. Students have the opportunity to examine popular and historical information about Italy and read and write reviews. Topics include future plans and careers and the role of technology in our daily lives.

Students will have the opportunity to participate in extracurricular extension opportunities related to Italian and join the student exchange tour to Italy every second year.

JAPANESE

The subject is designed for students who enjoy the challenge of studying Japanese and are considering continuing language study into senior school.

SEMESTER 1

The focus for this semester is ゆうめいな人 (famous people) and がっこうせいかつ (school life). Knowledge of the writing systems is strengthened while kanji characters relevant to the particular topics are introduced.

SEMESTER 2

The focus for this semester is にちじょうせいかつ (daily life) and アルバイトとおかね (part time jobs and money). Students extend and consolidate their knowledge of both the Japanese language and lifestyle. Communication skills are emphasised while developing a solid foundation of grammar and vocabulary which will be required for those students planning to continue Japanese language at senior school level. Students have the opportunity to participate in extracurricular extension opportunities related to Japanese and join the student exchange tour to Japan in Year 11.



SCIENCE

PSYCHOLOGY

Psychology allows students to explore why we think, feel and act the way we do, and how genetics and the environment shape who we are. There are many careers where an understanding of psychology is an essential part of the work.

The aim of this subject is for students to become more confident, competent and independent in their daily life. It also acts as an introduction to the Year 11 and 12 Psychology courses and students can form a clear understanding of the nature of the subject and the type of study. Many of the students who complete the Year 10 subject progress to study Psychology in senior school and to careers where an understanding of psychology is an essential part of their work.

The knowledge gained from this subject will support further study in the medical and health sciences, social work, counselling, education, politics and law, film and media studies, as well as many other areas in which an understanding of the behaviour of people is an advantage.



TECHNOLOGIES

Participation in the study of Technologies ensures students benefit from learning about and working with the traditional, contemporary and emerging technologies that shape the world in which we live. Technologies draws together distinct, but related, subjects within the disciplines of design and digital technologies. The subjects offer an integration of tradition knowledge and understandings and cutting-edge developments as the study of Technologies provides new ways of thinking, designing and communicating.

The Year 10 subjects provide many opportunities for students to apply practical skills and processes when using technologies and to employ resources and advanced manufacturing. Students are required to understand and apply standard processes and are given encouragement to create innovative solutions to meet current and future needs.



DESIGN TECHNOLOGIES

BUILDING AND CONSTRUCTION

This subject is designed to develop students' skills in areas involved with the building trades. It provides students a solid foundation for the Year 11 and 12 Building and Construction course.

Students develop knowledge of and skills in using a range of machinery, tools and equipment in welding, carpentry, bricklaying, and paving. The activities prepare students for greater independence in working with building materials, machinery and basic design. The skills and understandings learned here are very useful in adult life; for example; students produce a scale model of a stud wall, and this gives them a good knowledge of its construction and uses.

Students will be involved in small building projects around the school or in the Technologies workshops. They will be given instruction in basic safety and risk management strategies transferable to many contexts.

CARING FOR CHILDREN

Caring for Children is a practical unit that encourages students to explore the domains of development from conception to five years. The course encourages the development of the skills, processes, understanding and knowledge essential to caring for others. Students undertake individual and group activities. They study a variety of different topics such as reproduction, prenatal development, childbirth, contraception, sexual health, parenting and the physical, social, emotional and cognitive development of children. They have opportunities for incursions and excursions to work and interact with children from newborn to preschool aged. Students are given the opportunity to care for the electronic baby.

Students investigate, design and produce a variety of activities and products such as games and baby mobiles that support a child's development. This course is of benefit to students who enter careers such as education, childcare, psychology, nursing and many other health sciences.

DESIGN: GRAPHICS

This subject challenges both experienced and beginning graphic designers. Students work through a series of exciting projects which reflect current graphic design trends and techniques used by design professionals. Tasks and activities incorporate digital drawing, manipulation of images, and use of drawing tablets, hand sketching and digital scanning. Artistic and functional design concepts are explored along with a closer look at planning and managing layout.

Students are encouraged to take initiative in planning and producing original ideas with opportunities to exhibit finalised designs within the school community. Classes are conducted in a state-of-the-art graphics lab equipped with iMac computers. All lessons are carried out within Adobe Creative Suite across three software; Photoshop, Illustrator and InDesign.

The skills and knowledge acquired in Year 10 Graphic Design are an asset to any student who takes pride in professional presentation of assignments and documents.

DESIGN: PHOTOGRAPHY

This subject is for students who want to refine their photography skills. The students use advanced photographic equipment to produce high quality images in a range of contexts; for example to take portraits or micro images and to produce professional looking selfies. They develop a range of skills to use when called upon to present or perform in many contexts such as interviews, speaking at meetings and in social situations, displaying assessments at university or TAFE and projects at work.

The subject is designed so that students learn to use photography at an advanced level. It incorporates design knowledge, gives purpose to the great photographs that come about and makes the most of artistic and technical skills in an area that will be of use throughout life. Students completing this subject will be well prepared for the study of photography in Year 11/12 and have an advantage if they enter other areas of design.

DESIGN: DIMENSIONAL DESIGN - CAD

Dimensional Design explores the more complex Computer Aided Design (CAD). Students use Autodesk Inventor®, and Revit Architecture®, two industry standard software packages, as tools to design and refine three-dimensional models on the computer. They produce quality virtual models of their own designs and generate technical drawings and industrial presentations to a high standard. Students design their own product/s and fabricate those using advanced manufacturing technologies such as laser cutters and CNC routers, while their house plans are realized in scale models cut out with a laser cutter for presentation.

The subject provides students with solid background knowledge and skills for senior school course in Design (Engineering & Dimensional Design - CAD) and Engineering Studies. It is beneficial to further study and careers in areas such as engineering, machining, drafting, design and building and construction.

ENGINEERING STUDIES

Year 10 Engineering Studies has a focus on designing, through creative and practical learning activities to investigate, research and present information, design and make products and undertake project development. Students apply engineering and mathematical principles to design and manufacture the 'Hoggercraft' vehicle using advanced manufacturing technologies. Year 10 Engineering Studies provides students with the strong foundations for Year 11/12 Engineering Studies. In previous years those who have studied Year 10 Engineering have had an advantage in senior school Engineering Studies because they have experience in three-dimensional modelling and advanced manufacturing techniques.

Engineering Studies caters for all students seeking a career in the engineering field and further studies in engineering at University or TAFE. Students interested in studying Year 10 Engineering need a good understanding of mathematics and science.

FABULOUS FOODS

Food is an important facet of our lives and can affect us on many different levels. Fabulous Foods is designed to give students increased confidence to prepare nutritious, tasty and appealing food products at home. It teaches the basic principles of nutrition through practical experiences and students work with foods to develop life skills and an appreciation of the foods we eat.

This subject provides students the opportunity to develop food preparation and food presentation skills that are used in hospitality today. It is a 'hands on' food orientated subject created to provide a practical approach to learning to give students the confidence to use the various methods of cookery to prepare tasty, nutritious meals. There are opportunities for students to develop their own recipes or to modify recipes in practical assessment tasks. The subject benefits students who wish to study Food Science and Technology and/or Certificate II Hospitality in senior school.

METALS ENGINEERING

Australia is a leading producer of iron ore and with such a significant role in the production of steel, it is a sound strategy for Australia to develop skills in our young in working with metals.

In Metals Engineering, students can develop a range of materials manipulation, processing, manufacturing and organisational skills. When designing with metal materials, students can develop cognitive skills, such as solving problems, generating ideas, creative design strategies and communicating what they want to do. Students can also learn the value of teamwork and collaboration through there approaches to manufacturing metal products in Year 10 Metals Engineering. Students will acquire skills in welding, designing and machining predominantly steel products, though other materials may be used in product construction. Metals Engineering will attempt to teach students a variety of ways to design and craft metal products in a way that hopes to foster in students a life long interest and respect for the way metals are used in our community.

TEXTILES

Year 10 Textiles is a course that will focus on fashion design and the design process to produce a mini fashion portfolio. Student will be given the opportunity to design and construct a range of products such as a recycle denim zippered hobo/slouch bag (shoulder bag), A Line Mini/Midi Skirt and an individualised boned bodice full body garment with headwear. Year 10 textiles focuses on the fashion design process including research development, customer profiling, mood boards, fashion drawing and rapid concept development. Students will personalise products using fabric manipulation and embellishment techniques such as vinyl transfer, fabric dye, pleats, darts, laser etching, quilting, gathering, smocking, solvy lace, free machine embroidery and machine embroidery. Students will learn how to use the sewing machine, overlocker, Cricut, laser cutter and embroidery machine. No experience is needed, just a keen interest and willingness to learn. Students will also have the opportunity to enter local and national fashion competitions.

DIGITAL TECHNOLOGIES

WOODWORK: DESIGN AND TECHNOLOGY

Year 10 Woodwork introduces students to the finer skills and craftsmanship of producing high quality products from timber. Students are taught how to apply design fundamentals to their creative ideas to produce their own furniture.

They have the opportunity to develop skills in three-dimensional modelling and use advanced manufacturing technologies including laser cutting and CNC routing during the manufacturing of their designs. Safety is a focus of the course and students are taught to use a wide range of power tools and machines in a safe manner to produce products quickly. Through the development of practical activities, students develop pride in their work and a positive self-esteem.

Year 10 Wood - Design and Technology provides the students with the background knowledge required for Materials, Design and Technology - Wood as an ATAR course and/or as general course in Years 11 and 12.

COMPUTER SCIENCE SPECIALIST

This course is only available to those students who have successfully completed Year 9 Computer Science (Specialist).

MECHATRONICS

This subject combines engineering, robotics and software control to solve engineering problems. Students are required to design and construct a device which combines mechanical components and electrical/electronic components into an autonomous project. They will use a design brief project management process similar to the workplace.

Emphasis is on taking a project from concept, through the design process to completion and then evaluating the result against the design brief. Students use both hand and machine tools and a micro-controller to operate their constructed machine.

SOFTWARE ENGINEERING

In this subject, students are presented with the fundamental principles of designing and developing of computer programs. The subject includes writing code, creating graphic user interfaces, programming and controlling robots and creating computer games and mobile apps.

Students with an interest in computer programming and problem solving will find this subject interesting and challenging. It is highly recommended for those students who may choose to study Computer Science in Year 11/12. It is also useful in the areas which require an understanding of the basic skills in computer programming and data manipulation.

They are supported to learn skills that will be useful in a range of TAFE and university courses such as engineering, research or surveying.



COURSE COSTS YEAR 10

All course costs are given as a guide only. These are based on the 2023 pricing structures and are subject to change in 2024.

YEAR 10 - VOLUNTARY CONTRIBUTIONS

English	\$30.00
Maths	\$32.00
Science	\$40.00
HaSS	\$30.00
H&PE	\$43.00
Year 10 Electives	\$60.00
Total Year 10 Course Available	\$235.00

Students in Year 10 are required to select three (3) year long electives. Students can select electives from Table A or Table B. Electives listed in Table A are offered as part of the \$235 Year 10 Course of Study and therefore do not incur additional charges.

Electives listed in Table B are deemed extra and incur additional compulsory charges. Elective Costs vary each year. Families are encouraged to review prior to making subject selections.

Indicates courses deemed to have a high cost and require a 50% deposit to be paid prior to the commencement of the school year. High cost course designations are subject to change at the school's discretion.

TABLE A

YEAR 10 ELECTIVES – NO ADDITIONAL COMPULSORY CHARGE. ELECTIVE IS OFFERED AS PART OF THE \$235 COURSE OF STUDY

LEARNING AREA	Course Name Lower School Fees	Course Code	COMPULSORY CHARGE
ART	Dance	10ADA	Nil
ART	Drama	10ADR	Nil
ART	Music	10AMU	Nil
HaSS	Legal Studies	10HLS	Nil
ENGLISH	Philosophy and Ethics	10HSPAE	Nil
LANGUAGES	French Year 10	10LF	Nil
LANGUAGES	Italian Year 10	10LI	Nil
LANGUAGES	Japanese Year 10	10LJ	Nil
TECH	Software Engineering	10TSE	Nil
TECH	Graphic Design	10TGD	Nil
TECH	Textiles	10TTT	Nil

TABLE B

YEAR 10 ELECTIVES – INCUR COMPULSORY CHARGES. THIS CHARGE IS IN ADDITION TO THE \$60 (\$20 per 3 elective) PROVIDED AS PART OF THE \$235 COURSE OF STUDY

LEARNING AREA	Course Name Lower School Fees	Course Code	COMPULSORY CHARGE
ART	Art and Craft	10AAC	\$ 96.00
ART	Music Extra	10AMEX	\$ 21.00
ART	Media Production	10AMP	\$ 43.00
ART	Art: Extension	10AZ	\$ 114.00
PHYS ED	Focus Sport Basketball	10HBB	\$ 80.50
PHYS ED	AFL/Soccer	10HFBL	\$ 85.50
PHYS ED	Health Studies	10HHES	\$ 48.50
PHYS ED	Outdoor Education#	10HOE	\$ 241.00
PHYS ED	Physical Education Studies#	10HPES	\$ 172.00
PHYS ED	Physical Pursuits #	10HPP	\$ 275.50
PHYS ED	Basketball Specialist#	10HPZ	\$ 163.00
HASS	Entrepreneurship & Innovation General	10HSEG	\$ 20.00
HASS	Entrepreneurship & Innovation Internship	10HSEI	\$ 31.50
SCIENCE	Psychology	10SCP	\$ 23.50
TECH	Building and Construction	10TBC	\$ 110.50
TECH	Caring for Children	10TCC	\$ 56.00
TECH	Dimensional Design (CAD)	10TDD	\$ 56.00
TECH	Engineering Studies	10TEN	\$ 115.50
TECH	Fabulous Food#	10TFF	\$ 192.00
TECH	Graphic Design	10TGD	\$ 37.00
TECH	Metals Engineering	10TME	\$ 115.50
TECH	Design: Photography	10TPH	\$ 65.00
TECH	Mechatronics	10TRM	\$ 58.00
TECH	Woodwork	10TWW	\$ 119.50
TECH	Computer Specialist	10TZ	\$ 30.00
ART	Instrument - Piano Keyboard	INPK	\$ 19.00