



AVELEY SECONDARY COLLEGE

Year 10 Subject Selections Handbook

THE ARTS

Media

Media Genres (SEM 1)

In this unit students discover how understanding and creating media is a great source of creativity and an opportunity to express themselves in a positive way. Students will learn about the traditional genre codes and conventions in a range of genres such as film, music video, documentary or publicity campaigns. Students will explore ideas complete a project using relevant technologies and techniques. Media Production encourages problem solving, time management and team building skills as students apply their knowledge to their own production.

Cost: \$15



Social Media (SEM 2)

This subject will allow students to explore social media platforms to promote a product, service or event. Social media is an important part of everyday life that has transformed the way we live and communicate, allowing people to share content quickly, efficiently, and in real-time. Students will be provided with opportunities to explore the way media work is constructed in different contexts by creating a social media marketing campaign for a real business. This may include producing a website, vlog, YouTube segment or podcast. Taking this subject will support those students wishing to take Media in Years 11 and 12. Career pathways include; Journalism, Advertising, Public Relations, Multimedia Specialist, Production Assistant, Editor, Teacher and more. We ask that students considering this subject show a commitment and enthusiasm for experimenting and developing their ideas.

Cost: \$15

Photography

Digital Manipulation (SEM 1)

This subject will introduce students to an array of exciting techniques and styles of photography.

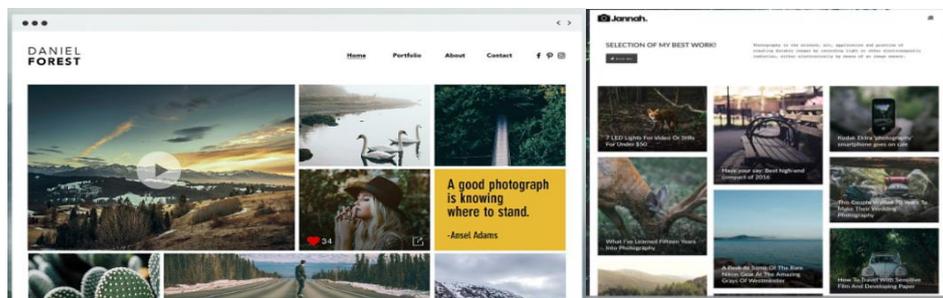


Students will explore Portraiture and Landscape photography, learning about lighting, focus and composition. Students will then skilfully layer and blend their images in Photoshop inspired by the work of other photographers. Student work will be presented in a Google Slide digital portfolio. Taking this subject will support those students wishing to take Photography in Years 11 and 12. We ask that students considering this subject show a commitment and enthusiasm to take photographs in and out of lessons.

Cost: \$15

Photography Portfolio (SEM 2)

This subject will introduce students to the importance of exhibiting their own photography work to an audience.



We will explore presentation conventions, how to construct a Google Sites website and how to structure and organise photographs to celebrate and showcase the student's photography. Students will construct the website in lessons and be given photographic briefs so they can create a body of work to exhibit. We encourage students to also include images they take outside of lessons to support and enrich the website. Taking this subject will support those students wishing to take Photography in Years 11 and 12. We ask that students considering this subject show a commitment and enthusiasm to take photographs in and out of lessons.

Cost: \$15

Dance

Lyrical and Bollywood Dance (SEM 1)

Lyrical Dance and Bollywood Dance are both genres that thrive on developing a dancer's personal expression and artistic style. Through participation in this course, students will be given the opportunity to develop their own movement vocabulary with a focus on expanding their own sense of personal style. Students will reflect on and respond to a dance work, evaluating the style and design choices of Choreographers within the 21st century Arts space. Students will explore cultural diversity within the context of Bollywood dance and be able to perform their class routines to a live audience at the end of semester Arts Showcase. It is desirable to have completed a Year 9 Dance unit or had previous dance experience. This subject is a pathway into Years 11 and 12 Dance courses.

Cost: \$15

Jazz and Contemporary Dance (SEM 2)

The world of Jazz dance allows performers to express themselves through the versatility of different styles and performance types. The Contemporary Dance unit allows students to further develop their techniques in Graham, Cunningham and Horton with a focus on safety release and development of body strength and awareness. Students will play, explore and improvise to create new movement within the contemporary dance genre and will have the opportunity to work with professional dancers from CO3 Dance Company. Dancers will also develop critical decision-making, in individual and group work, to manipulate movement to reflect intention through a wide range of elements and devices. It is desirable to have completed a Year 9 Dance unit or have prior dance experience. This subject is a pathway into the Year 11 and 12 Dance courses.

Cost: \$35*

Drama

Theatre Styles and Production (SEM 1)

This subject is for students who want to deepen their understanding of acting techniques and refine their performance skills. Students will learn about different theatrical styles and performance techniques, and how they can be used to create interesting and original performances. Students who are interested in becoming actors, creating original performances, or studying Drama in Year 11 and 12 should study this unit. This subject is also useful for students who are interested in careers that involve performance or public speaking (such as acting/directing, law, journalism or teaching).

Cost: \$15



Theatre for Performance (SEM 2)

This unit will develop student's skills for presenting live performances. Students will deepen their understanding of theatrical styles and performance techniques, and have the opportunity to rehearse and perform a piece of scripted theatre. This unit will include an opportunity to see a live performance. Students who are interested in becoming actors, creating original performances, or studying Drama in Year 11 and 12 should study this unit.

This subject is also useful for students who are interested in careers that involve performance or public speaking (such as acting/directing, law, journalism or teaching).

Cost: \$15

Music

Battle of the Bands (SEM 1)

Prove you're a guitar hero! Join up with other students to create small bands where you will develop skills in the instrument of your choice (keyboard, guitar, drumkit, bass, ukulele, voice).



The first 10 weeks you'll level up your playing until you are ready to collaborate with the Media Students to create an original music video. Battle it out for who has the best cover song. Students will develop instrumental skills, explore influential artists, explore different methods of notation and arrangement techniques. This is an authentic project based unit that will also leave students with an understanding of the music industry and production elements. This subject provides students the opportunity to see live performances either through incursion or excursions. No prior experience required however an ability to play an instrument is an advantage.

Cost: \$30*

Music Memories (SEM 2)

This unit is a cross-curricular musical exploration of the music that defined a generation. Students will have an opportunity to work on a project that utilises use of the recording studio. Students will be able to develop digital skills in recording and mixing techniques, using audio samples, MIDI instruments and self-recorded audio. Students will create works such as unique mix-tapes or covers of original songs. This is an authentic project based unit with opportunities for personal growth and networking. No prior experience required however an ability to read notation is an advantage.

Cost: \$15

Visual Arts

Ceramics (SEM 1)

Year 10 Ceramics is an exciting studio area that will allow students to creatively explore materials and processes to create a final artwork.



Students will explore themes, document their ideas and visual development in their portfolio. Students will investigate the way artists have used materials and techniques to help them develop compositional ideas for a final artwork. Taking this subject will support those students wishing to take Visual Art in Year 11 and 12. We ask that students considering this subject show a commitment and enthusiasm for experimenting and developing new ideas.

Cost \$40*

Printing (SEM 1)

Year 10 Printmaking will allow students to creatively explore an exciting range of techniques used to create a series of prints.



Printing techniques may include silk screening, relief or monoprints. Students will explore the themes, document their ideas, thoughts and visual development in their portfolio. Students will investigate the way a variety of artists and printmakers have used materials and techniques to help them develop compositional ideas for a final print. Taking this subject will support those students wishing to take Visual Art in Year 11 and 12. We ask that students considering this subject show a commitment and enthusiasm for experimenting and developing new ideas.

Cost: \$35*

Drawing and Painting (SEM 2)

This subject will allow students to creatively explore an exciting range of illustrative techniques and media informed by the work of contemporary artists and illustrators. Students will document their ideas, thoughts, and visual development in their portfolio. Students will investigate the way the artist has used materials and techniques to help them develop compositional ideas for a final illustrative drawing and or painting. Taking this subject will support those students wishing to take Visual Art in Year 11 and 12. We ask that students considering this subject show a commitment and enthusiasm for experimenting and developing new ideas.



Cost: \$30*

Sculpture (SEM 2)

Year 10 Sculpture will allow students to creatively explore texture to create their own relief 3D projects. Students will explore the themes, experiment with materials and document their ideas, thoughts, and visual development in their portfolio.



Students will investigate the way artists have used similar materials or relief methods to develop compositional ideas for a final artwork. Taking this subject will support those students wishing to take Visual Art in Year 11 and 12. We ask that students considering this subject show a commitment and enthusiasm for experimenting and developing new ideas.

Cost: \$30*

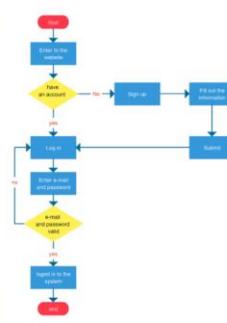
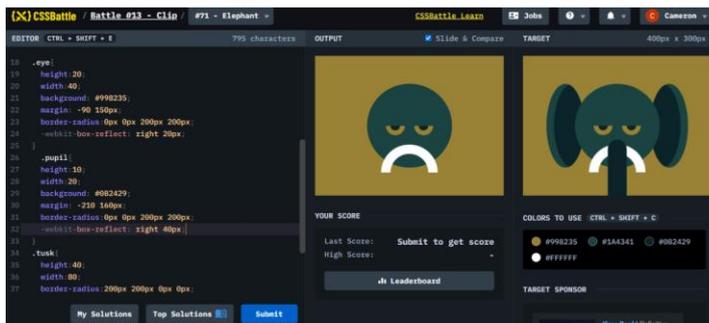
TECHNOLOGIES

Digital Technologies

Digital Technologies: Computer Security (SEM 1)

This subject is for students who have achieved highly in Digital Technologies and would like to learn more about computer software and hardware in the topic of security. This subject covers the types of computer malware, including viruses and trojans, and how they can be used to damage a computer network. Students will be allowed to experiment with a simple “Goose” virus to better learn how a virus can be used to disrupt a user’s daily activities. The second part of the course is focused on physical security and biometrics, including the use of fingerprint and facial recognition as a form of digital identification. Cyber security is a great source of future jobs since there is a significant shortage of people with these skills. This is the recommended pathway for those students who wish to take courses such as ATAR Computer Science in Years 11 and 12.

Cost: \$15



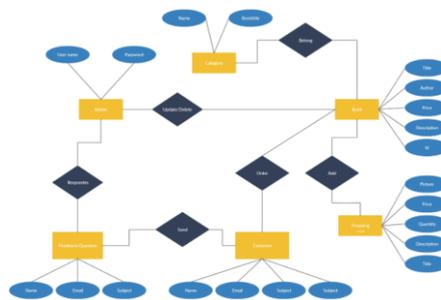
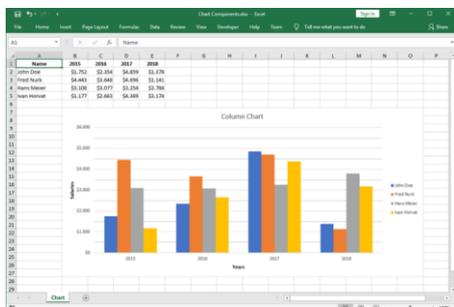
Digital Technologies - Computer Programming (SEM 1)

Computer coding and an understanding of computer programming is an essential skill in today's world. This subject is suited to those students who enjoy the challenges of logical problem solving and who wish to extend their understanding of programming. It is expected that students will develop the necessary programming and logical problem-solving skills to enable them to successfully participate in several programming competitions, including national competitions. Students will learn to analyse a problem and design a solution using a variety of different programming techniques. Students will then create practical solutions to these problems. At the end of the project students will then present their project to the school community. This is the recommended pathway for those students who wish to take courses such as ATAR Computer Science in Year 11 and 12.

Cost: \$30*

Digital Technologies – Data Science Foundations (SEM 2)

Data Science has been defined as ‘The Most Appealing Job of the 21st Century’ by Harvard Business Review. The Data Science Foundations subject covers the basics of developing database and spreadsheet solutions. Many companies need specialised people who are proficient at handling, managing, analysing and understanding trends in data. The unit focuses on the practical creation of simple databases, data analysis and visualisation. This course introduces students to the concepts of relational databases, including database design via normalisation and entity-relationship modelling in order to solve problems. It explores the use of Structured Query Language (SQL) to create, populate and administer relational databases and to perform queries upon the data inside them. Students learn about the design concepts and tools used to develop relational database systems. This is the recommended pathway for those students who wish to take courses such as ATAR Computer Science in Year 11 and 12.



Region 3

All Products	Sales	Share	_ast year
Customer 1	2,838	10%	7%
Customer 2	2,208	8%	10%
Customer 3	2,755	10%	5%
Customer 4	2,027	7%	-4%
Customer 5	2,760	10%	3%
Customer 6	2,439	9%	7%
Customer 7	1,808	6%	-14%
Customer 8	2,222	8%	-1%
Customer 9	2,144	8%	-3%
Customer 10	2,533	9%	-5%
Customer 11	2,648	9%	-6%
Customer 12	2,075	7%	10%

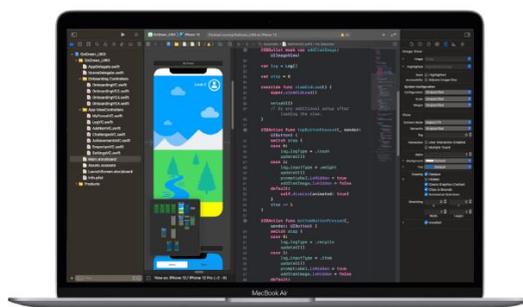
Product	Sales	Share	_ast year
Product 7	3,545	33%	6%
Product 8	3,123	32%	-4%
Product 9	3,769	34%	-4%

Cost: \$15

Digital Technologies – App Development (SEM 2)

In this exciting course, students work in teams on specific features within a selected design for an app. As part of the school’s Apple developer program, they work towards the goal of having a functional piece of software that has a utility or administrative application. Teams are encouraged to come up with solutions for existing daily problems. Students are automatically eligible for challenges and their completed software can be listed on the app store.

Cost: \$15

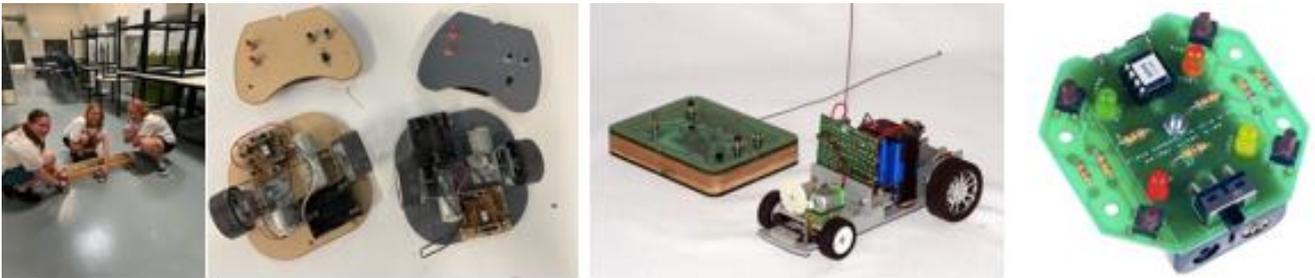


Design and Technologies

Year 10 Mechatronics (SEM 1)

Mechatronics combines electronics, basic programming and design in a practical subject. Students learn basic aspects of electronics and will work on circuit boards to develop techniques and products that satisfy human needs. Students will develop skills in all areas and use them to create self-regulating systems and autonomous robots. This subject is essentially a practical unit focusing on real-life contexts where students will have the opportunity to create small robots and electronic circuits. Students apply a design process to research and present information about materials, engineering principles, concepts and ideas, and design proposals.

Cost \$55*



Year 10 Woodwork (SEM 1)

This is an introductory subject for students to gain experience in the manufacturing of wooden furniture products. Students learn and apply the fundamentals of design to develop and manufacture furniture and small projects for themselves. They learn to produce pictorial drawings and follow the basics of the design process to assist them in their manufacturing. Students will gain an understanding of different woods and materials and will be introduced to relevant technology skills which include the use of hand tools, power tools and woodworking machines. Basic IT programs, like FUSION and CAD, will be used to give students a head start with programs used in the production and design industry with real-world applications.

Cost \$50*



Year 10 Metalwork (SEM 2)

This is a practical unit to promote student initiative and enterprise in designing, fabricating and manufacturing projects using a variety of metalwork hand tools, power tools and machinery. The students are exposed to fundamental processes of design, working with materials, skills and techniques commonly used in the metal trades industry to create solutions. Students will be developing a variety of practical skills and techniques required for oxy-acetylene fusion and braze welding, Gas Metal Arc Welding (GMAW), Manual Metal Arc Welding (MMAW) and machine operations.



Cost \$50*

Trade Studies (SEM 2)

This is an introductory subject in the area of Building and Construction. Students will be given the opportunity to develop skills and knowledge to undertake simple DIY tasks around the home. Students enrolled in this unit will be taught basic bricklaying, paving, concreting, carpentry, painting and tiling skills as well as general home DIY skills. This is a great subject for anyone interested in following a career in the construction industry, as well as students generally interested in the DIY culture. This unit is a prerequisite for Certificate II in Building and Construction pathways in senior school.



Cost: \$50*

Home Economics

Catering and Café Culture (SEM 1)

Are you interested in working in the food industry when you leave school? In Catering and Café Culture, students will spend the semester exploring the hospitality industry and the operations behind cafés and catering services. Students will research the café industry, plan for occasions and create plans for their own food designs and grazing tables. Students will extend their practical skills by producing foods suited to cafés, patisseries and restaurants, extending their knowledge of food styling and presentation. Year 10 Food Courses support both the Certificate 2 in Hospitality and General Food Science Technology courses in Year 11 and 12.



Cost: \$60*

Textiles – Design Textiles (SEM 1)

In this subject, students will create clothing and accessories from standard fabrics and pre-existing garments. They will use sewing machines and other equipment to complete their own designs, allowing for the creativity and flair! Students will investigate sustainability and consider ethics when designing their own items. If you are interested in creating your own clothing and accessories, consider Design Textiles for Year 10.

**Please note – if students choose this course, they may need to supply some fabrics etc. for their projects. Most materials and equipment will be supplied in negotiation with each student and the requirements of their design work.*

Cost: \$35*

Food Science (SEM 2)

In Food Science, students will spend the semester discovering the hidden secrets of the food industry. They will research nutrition and plan meals to suit different diets, as well as experimenting with different flavours and cooking techniques. As well participating in research lessons, students will prepare mouth-watering dishes each week. This course also includes a Gingerbread House construction project at the end of Term 4. Year 10 Food Courses support both the Certificate 2 in Hospitality and General Food Science Technology courses in Year 11 and 12.



Cost: \$60*

Textiles – Fashion Design (SEM 2)

Would you love to design your own clothing to suit your own style? During the Fashion Design course, students are introduced to the fashion design process to create their own clothing projects. Students will explore the design process in depth and use commercial patterns as a base for creating their own garments, as well as extending their practical abilities through using new sewing equipment.

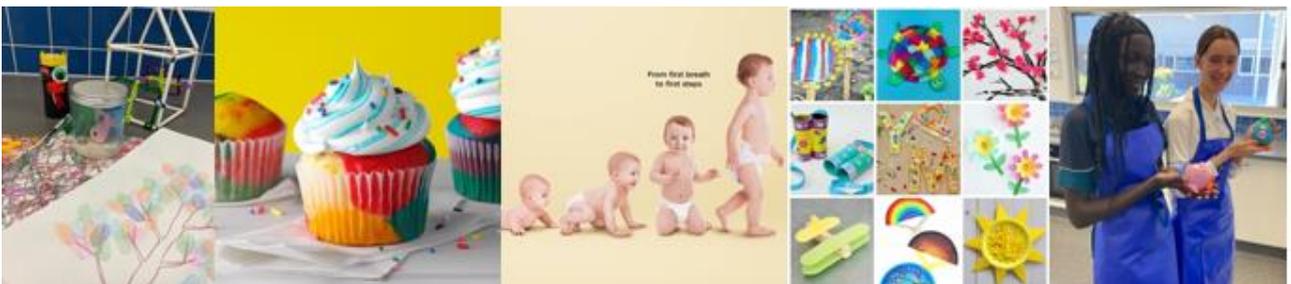
*Please note – if students choose this subject, they may need to supply some fabrics etc. for their projects. Most materials and equipment will be supplied in negotiation with each student and the requirements of their design work.



Cost - \$35*

Caring For Others (The same subject runs in SEM 1 & 2 – students can choose for one semester only)

With a particular focus on childcare, Caring for Others introduces students to the development and needs of children from pregnancy through to childhood. Students will explore and develop their understanding of taking care of children to develop their intellectual and physical identity. They will create care plans, toys and activities for pre-school aged children, and plan a themed birthday party. Students will gain industry ready skills and knowledge reflective of the standards in childcare centres in Australia.



Cost: \$30*

PHYSICAL EDUCATION

Physical Education: General (SEM 1 & 2)

These units will provide students with a variety of different sporting experiences each semester as well as developing general fitness, skills and knowledge. Students will have the opportunity to participate in a wide range of sports, fitness based classes and physical recreation activities across the semester. Activities will be selected and adjusted to suit the needs of the students within the class.



Cost: \$15

AFL Advanced (SEM 1)

This unit allows the students the opportunity to extend their knowledge of Australian Rules Football. Greater emphasis is placed on all aspects of the sport, ranging from skill development to fitness requirements, game strategies and officiating. This subject will extend higher performing students and is specifically designed for students who are experienced in playing to club standard or higher in AFL – this is an intensive unit that requires a good level of skill, also a clear understanding of the rules and regulations of the game. Students will also participate in a series of strength and conditioning activities in the Fitness Centre.

Recommendations: Minimum 'B' grade in the Year 9 AFL class. If a student was not enrolled in Year 9 AFL, then the following recommendations apply: Minimum 'B' grade in General Physical Education and play AFL at a 'Club' level.

Cost: \$30*

Basketball Advanced (SEM 1)

This unit allows the students the opportunity to extend their knowledge of the game of Basketball. Greater emphasis is placed on all aspects of the sport, ranging from skill development to fitness requirements, game strategies and officiating. This subject will extend higher performing students and is specifically designed for students who are experienced in playing to club standard or higher in Basketball – this is an intensive unit that requires a good level of skill, also a clear understanding of the rules and regulations of the game. Students will also participate in a series of strength and conditioning lessons in the Fitness Centre.

Recommendations: Minimum 'B' grade in the Year 9 Basketball class. If a student was not enrolled in Year 9 Basketball, then the following recommendations apply: Minimum 'B' grade in General Physical Education and play Basketball at a 'Club' level.

Cost: \$30*

Soccer Advanced (SEM 2)

This unit allows the students the opportunity to extend their knowledge of the game of Soccer. Greater emphasis is placed on all aspects of the sport, ranging from skill development to fitness requirements, game strategies and officiating. This subject will extend higher performing students and is specifically designed for students who are experienced in playing to club standard or higher in Soccer – this is an intensive unit that requires a good level of skill, also a clear understanding of the rules and regulations of the game. Students will also participate in a series of strength and conditioning lessons in the Fitness Centre.

Recommendations: Minimum 'B' grade in the Year 9 Soccer class. If a student was not enrolled in Year 9 Soccer, then the following recommendations apply: Minimum 'B' grade in General Physical Education and play Soccer at a 'Club' level.

Cost: \$30*

Netball Advanced (SEM 2)

This unit allows the students the opportunity to extend their knowledge of the game of Netball. Greater emphasis is placed on all aspects of the sport, ranging from skill development to fitness requirements, game strategies and officiating. This subject will extend higher performing students and is specifically designed for students who are experienced in playing to club standard or higher in Netball – this is an intensive unit that requires a good level of skill, also a clear understanding of the rules and regulations of the game. Students will also participate in a series of strength and conditioning lessons in the Fitness Centre.

Recommendations: Minimum 'B' grade in the Year 9 Netball class. If a student was not enrolled in Year 9 Netball, then the following recommendations apply: Minimum 'B' grade in General Physical Education and play Netball at a 'Club' level.

Cost: \$30*



OPTIONAL



OLNA Reading Success (SEM 1)

For students who want to improve their skills in English. This subject is best suited to students previously enrolled in our DI programs or who did not achieve Band 7 or above in NAPLAN in Year 7/9. In this unit, you will get targeted reading structures to help your OLNA Reading! You will get targeted points that will boost your OLNA capabilities! If you want to succeed in passing OLNA with flying colours, this is the course for you!

Cost: \$15

OLNA Writing Success (SEM 2)

For students who want to write with ease and who are looking to enter TAFE or the workforce after school. This subject is best suited to students previously enrolled in our DI programs or who did not achieve Band 7 or above in NAPLAN in Year 7/9. (This course is a required subject for those students who achieve Category 1 in OLNA Writing in the first round testing). This unit is for students who need to improve their paragraph and sentence structures. If you are destined for TAFE, this is the subject for you! Write paragraphs with ease, use clear provided structures for a variety of different writing types. If you want to write with confidence and know that what you write makes sense, this is the subject for you. Learn to Write with Results now!

Cost: \$15

OLNA Numeracy Success (SEM 1 & 2)

The OLNA Numeracy course is designed to help students engage with the materials that require essential focus to be able to meet basic numeracy requirements by the conclusion of their schooling. It draws upon resources which canvas the major strands of mathematics in practical ways and in many contexts. This gives students a breadth of exposure to content within the OLNA and aims to prepare them to succeed in meeting its standard.

Cost: \$15

Career and Business Education: Purposeful Career Management (SEM 1)

This subject aims to inspire and empower students toward recognising and achieving future career ambitions whilst developing associated life skills/soft skills. During this unit students will have the opportunity to develop the following skills: recognise potential career/business opportunities; interpret and evaluate career/business decisions; identify and address potential risks and problems that may arise during the different stages in your career/business; job-seeking; effective communication; networking; work-life balance, and; lifelong learning.

Cost: \$15



Career & Business Education: Business Entrepreneurship and Finance (SEM 2)

This subject aims to enlighten students with the skills of the 21st century business world whilst developing associated life skills/soft skills. During this unit, students will have the opportunity to develop the following skills: entrepreneurship; innovation; recognise and analyse good business/career opportunities; ethical, social, environmental decision making; creative ICT use in business to develop potential business ventures; financial calculations; financial decision making, and; communication.

Cost: \$15

An * denotes a high cost option and incurs a compulsory subject charge.

Please note - All costings provided for subjects are a guide as they are still to be approved by the College Board and are based on the information available at the time of print.