



**CALLAGHAN
COLLEGE**

Wallsend Campus

YEAR 9

**Subject & Elective
Information Booklet**

2025

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Some subjects require extra equipment. Please see the individual subject entries for more information.

INFORMATION FOR STUDENTS AND PARENTS

This booklet has been prepared to give information on courses offered to students entering Year 9 at Callaghan College Wallsend Campus. Subjects to be studied in Year 9 are:

- English
- Mathematics
- Science
- Geography
- History
- PD/Health/PE
- Elective X
- Elective Y

CORE SUBJECTS AND ELECTIVE SUBJECTS

The subjects that are compulsory in Year 9 are the CORE SUBJECTS. These contain knowledge and develop skills and aptitudes which are considered *essential learning* for young adults in today's world. The **core subjects** are English, Mathematics, Science, Human Society & Its Environment (HSIE - History and Geography), and PD/Health/PE. Other subjects are **ELECTIVES** which *make important contributions* to a young person's education and social development.

There is a great variety of **Elective Subjects** that provide for a large range of interests, abilities and needs. They include **Board Developed Courses** and **Content Endorsed Courses**

- **BOARD DEVELOPED COURSES** by NSW Education Standards Authority (NESA). They may be studied for 100 or 200 hours.
- **CONTENT ENDORSED COURSES** have been written by the school and approved by NESA, some may be studied for 100 hours while others for 200 hours.

PLEASE NOTE: TRADE TRAINING CENTRE & VET STAGE 6 (Early Commencement)

There will be an opportunity for students entering Year 10 in 2026 to elect to study a Vocational Education & Training (VET) course. The courses that will be offered include **Certificate II - Construction Pathways (CPC20211)**, **Certificate II Hospitality (SIT20316)** and **Certificate III - Sport Coaching (SIS30521)**. Information on the course requirements and the application process will be made available to Year 9 students from Term 3 of 2025.

As places for these courses are competitive, students will be required to apply where their application will be assessed by a panel to determine placement in the course.

CHOOSING COURSES

In making your elective choices, you should consider:

- a) Your **interest** in the subject - students do best at subjects in which they are interested
- b) The **type of work** involved.

NOTES: You will choose **ONE X Line Elective** and **ONE Y Line Elective**, plus a **reserve elective** for each line. Make sure to choose your X and Y Electives carefully because you will continue to study both of these into Year 10. Please note that some subjects are in both X and Y Line. Please note that you can only choose one (1) PASS course.

This booklet contains comprehensive details of Elective Subjects offered at Wallsend Campus, so that students and parents are fully aware of what is offered and can make informed choices.

X Line Electives

- Aboriginal & Cultural Studies
- Art
- Dance
- Food Technology
- Industrial Tech. Building & Construction
- Industrial Tech. Metal
- iStem
- Japanese
- Music
- Physical Activity & Sports Studies (PASS) General
- PASS Girls on the Move

Y Line Electives

- Child Studies
- Computer Technology
- Digital Media & Photography
- Drama
- Food Technology
- Girls on the Move
- Industrial Tech. Jewellery
- Industrial Tech. Timber
- Law, Business & Money
- Marine & Aquaculture Technology
- PASS Rugby League
- PASS Soccer
- Psychology

GENERAL CONTRIBUTION AND COSTS

The general contribution for the eldest student is \$60.00 (second and subsequent students \$30.00).

Cost for Electives varies according to the subject chosen. Parents are asked to be aware of costs for materials and other costs when Electives are being chosen. Please see Index of Elective Subjects and individual subject entries for details of costs.

WORKPLACE HEALTH & SAFETY (WHS) ACT REQUIREMENTS

All students in practical classes are required to meet WHS regulations. In practical terms, this means wearing appropriate clothing and personal protective equipment (e.g. an apron, safety glasses, hair net etc.). **Covered, leather upper footwear** is required and no jewellery or clothing accessories which are deemed unsafe are to be worn. **Students who do not meet WHS requirements may be excluded from classrooms and/or activities.**

ELECTIVE SUBJECTS

In this section you can find all the information you may need about each Elective Subject. We have also grouped the subjects together in X Line and Y Line, with some subjects are being offered in both X and Y Lines, so they appear in both groups.

X LINE SUBJECTS

ABORIGINAL STUDIES (X Only)

FEE: NIL

The HSIE faculty is proudly offering Aboriginal Studies as a Year 9 Elective for 2025. This is an exciting course that covers many aspects of Aboriginal culture. Topics include the invasion of Australia, warfare, Aboriginal identity, culture and tradition, the Dreaming, music/dance/art, The Stolen Generations, sport, successful Aboriginal Australians, reconciliation, health, education, crime, housing and so on.

There will be art, excursions, films and guest speakers. Aboriginal Studies will provide an in-depth look into the culture, perspectives and histories of Australia's Aboriginal people.

ASSESSMENT: Enquiry based class tasks.

ART (X Only)

FEE: \$30

Art Elective is a fun elective for students at any level who wish to develop and enhance their artistic talent and ability. Art is project-based and develops students' creative skills.

The course is designed for students who are interested in creativity, creating artworks, improving their technical skills and learning about different styles and genres of art. Students participate in a range of practical activities and investigations.

Year 9 and Year 10 Visual Art includes painting, drawing, sculpture, clay work, printmaking, photographic and digital art. Art builds on students' basic art skills and explores a wider variety of materials and new techniques, learning tricks to go from a beginner to completing high quality artworks.

Art is a great stepping-stone for senior visual art, photography, visual design or graphics.

REQUIREMENTS: An A4 sketch book, 2B pencil, soft eraser, sharpener.

EXCURSIONS: Extra cost will apply for excursions

ASSESSMENT: In-class practical work and associated investigations.

DANCE (X Only)

FEE: NIL

This course is designed for those students who are interested in the study of dance, dance performance, creating dance, dance for films and learning about different styles of dance. Learning in dance and learning through dance enables students to apply their own experiences to their study of dance. They learn to express ideas creatively as they make and perform dances, and analyse dance as works of art.

Both beginners and those students who excel in dance outside the school will enjoy the study of dance. This course has a large practical component encompassing the three practices of performance, composition and appreciation. Students may have the opportunity of performing in the annual Production, as well as the opportunity to audition for the CCWC Dance Ensemble and Star Struck Dance Ensemble.

REQUIREMENTS: A4 Exercise Book

COSTUMES & EXCURSIONS: Fees may apply to cover costs of costumes and excursion opportunities.

ASSESSMENT: Assessment tasks in Performance, Composition and Appreciation, as well as participation and application in class.

FOOD TECHNOLOGY (X & Y)

FEE: \$135

Food-related issues are becoming of increasing community concern and interest. Students examine food issues including hygiene and safety, nutritional claims, nutritional quality of food, new food product development and the environmental impact of food production processes.

The practical component allows students to explore the richness, pleasure and variety food adds to life. Students develop practical skills in preparing and presenting food that will enable them to select and use appropriate ingredients, technique, and equipment. The course looks at food applications in domestic, commercial, industrial and global settings.

Through a range of practical experiences, students make informed and appropriate choices with regards to food. This requires an understanding of nutritional principles and food equity issues in our communities. Students are encouraged to develop sound food habits that will contribute to health and wellbeing.

Fees for this subject may be paid on a per semester basis. Fees cover the cost of all ingredients supplied for student consumption. Students must participate in all practical lessons and therefore pay food fees by instalment dates.

PROTECTIVE CLOTHING: Students are required to wear protective clothing in all practical lessons. This includes full apron, hair net and fully enclosed, leather upper shoes to satisfy Workplace Health & Safety regulations.

FURTHER STUDY: Students may continue in Year 11/12 with Stage 6 studies in Food Technology and/or VET Hospitality courses in Commercial Cookery and Food & Beverage.

ASSESSMENT: Includes research assignments, excursion reports, practical tasks, oral reports, design exercises and unit tests.

INDUSTRIAL TECH. BUILDING & CONSTRUCTION (X Only)**FEE: \$45**

The Industrial Technology – Building and Construction course is a valuable introduction into the senior syllabus and provides opportunities to develop baseline knowledge, understanding and skills for those students interested in following a career in the building and/or associated industries. If you are considering an apprenticeship, you should strongly consider choosing this subject. Practical projects will reflect the nature of the building and construction industries and may include:

- Construction of small structures
- Elementary repairs and renovations
- Development of landscaped & recreational areas

NOTE: For safety reasons students participating in this course must wear enclosed leather shoes for practical sessions and provide their own safety glasses.

ASSESSMENT: Includes construction of practical projects, minor and major assignments, WHS – personal work practises in the workshop and tool machinery risk assessments.

INDUSTRIAL TECH. METAL (X Only)**FEE: \$45**

The aim of this course is to recognise the properties of materials and have confidence in manipulating those materials. Students will develop skills with machines, tools and processes; develop safe, skilful practical skills; achieve personal satisfaction from the completion of projects; recognise and understand the principles of good design; gain insight into career possibilities; and become familiar with Workplace Health & Safety (WHS).

The course emphasises the development of design skills necessary for the awareness of factors such as the modification of material in the production of projects, an understanding of the planning skills such as drawing, design and job assembly, and construction skills required for projects such as a parallel clamp, a marking gauge, a gear puller, an engineering square, an adjustable clamp, a centre punch, and footprint grips. A project report is required for each practical project.

If you are considering an apprenticeship and trade as a career, you should strongly consider choosing this subject.

NOTE: For safety reasons students participating in this course must wear enclosed leather shoes for practical sessions and provide their own safety glasses.

ASSESSMENT: Includes construction of practical projects, minor and major assignments, WHS – personal work practises in the workshop and tool machinery risk assessments.

iSTEM (X Only)**FEE: \$20**

Science, Technology, Engineering and Mathematics are fundamental to shaping the future of Australia. They enable skills and knowledge that increasingly underpin many professions and trades, and the skills of a technologically based workforce.

iSTEM encapsulates the practical and inquiry-based nature of true STEM education. Pure Mathematics and Science topics are not included in this course, and it is not intended as being a vehicle to increase the number of hours students study pure Science or Mathematics in Stage 5. Instead, students learn about technological and engineering concepts which by their very nature are scientific and mathematical.

The Stage 5 (Years 9 & 10) The iSTEM School Developed Board Endorsed Course covers a number of STEM based fields, including STEM Fundamentals, Aerodynamics, Motion, Mechatronics, Design for Space, Statistics in Action, CAD/CAM and STEM Project Based Learning Tasks. The Course provides an innovative and imaginative curriculum which will inspire students to take up the challenge of a career in Science, Technology, Engineering or Mathematics.

NOTE: For safety reasons students participating in this course must wear enclosed leather shoes for practical sessions.

ASSESSMENT: Students will complete a range of assessments based on the units of work studied. This will include group work, longer term projects and individual tasks. A focus of the assessment schedule is students working together to present unique solutions to problem solving activities.

JAPANESE (X Only)**FEE: NIL**

Ready to add a splash of excitement to your school journey? Choosing Japanese as your elective is like embarking on a thrilling cultural adventure right in your classroom! From mastering the art of writing those intriguing kanji characters to uncovering the secrets of origami and sushi-making, you'll be learning skills that go beyond the classroom.

Imagine impressing your friends by speaking and understanding a whole new language or being the go-to person for decoding anime and manga. Your knowledge of Japanese will open doors to connections, careers, and adventures you never thought possible. So, why settle for ordinary when you can choose extraordinary? Elevate your learning experience, make lifelong memories, and embrace the awesomeness of Japanese culture. Choose Japanese, and let the journey begin!

ASSESSMENT: Students will complete a range of assessments based on the units of work studied.

MUSIC (X Only)**FEE: \$20**

This is a fun elective where any student who wishes to develop and enhance their musical talent and ability, is welcome! This course is designed for those students who are interested in music, instrumental performance, improving their aural skills and learning about different styles and genres of music.

Each student will use technology to produce musical compositions utilising a variety of programs. Students will participate in a range of theory and practical activities. Each student will be expected to play a musical instrument of their choice and will have the opportunity to create their own bands and ensembles in class.

ASSESSMENT: Tasks in Practical, Composition, Aural and Musicology, also participation and application in class.

EXCURSIONS: Extra cost will apply for excursions.

REQUIREMENTS: A4 Exercise Book

PHYSICAL ACTIVITY & SPORT STUDIES (PASS) General (X Only)**FEE: \$15**

The course aims to develop skills and knowledge in the area of fitness and recreation and allows students with ability or interest in the PE area to extend and develop their talents.

This module includes the following theory units:

- Fitness and Performance
- Sports Coaching
- Sports Injuries
- Body Systems
- Sport in Society
- Event Management
- Technology in Sport
- Participation and Performance

Practical units include a variety of recreational and games units not covered in PD/H/PE. Students will be involved in a variety of excursions and sporting competitions. Students will also have the opportunity to organise mini-sporting events and be involved in the teaching of students from our feeder primary schools.

Students in Year 9 will be eligible for selection for the annual Year 8 and 9 Inter-College Sporting Challenge.

NOTE: Only one PASS course can be chosen as the theory components are similar.

ASSESSMENT: Both practical and theory tasks will be set.

PHYSICAL ACTIVITY & SPORT STUDIES (PASS) Girls on the Move (X & Y)**FEE: \$15**

This exciting girls-only elective course aims to develop confidence, skills and knowledge in the area of health, and allows students with ability or interest in the PE area to extend and develop their talents.

This module includes the following theory units:

- Physical activity for health
- Sports coaching
- Event management
- Physical fitness
- Opportunities and pathways in sport
- Lifestyle, leisure and recreation
- Nutrition and physical activity
- Physical activity for specific groups

In a safe and supportive environment, students participate in fun and engaging practical units to increase skills and confidence across a variety of sports. Students will be involved in a range of excursions and develop connections within the wider community, including our feeder primary schools and the University of Newcastle.

Students in Year 9 will be eligible for selection for the annual Year 8 and 9 Inter-College Sporting Challenge.

NOTE: Only one PASS course can be chosen as the theory components are similar.

ASSESSMENT: Both practical and theory tasks will be set.

Y LINE SUBJECTS

CHILD STUDIES (Y Only)

FEE: \$85

The course covers topics on pre-natal care, conception to birth and care of the newborn. It examines the stages of growth and development, play, family interactions and childcare services. Students will study health & safety and working with children.

There is an emphasis on Indigenous culture and also the effects of media and technology on childhood. Children with additional needs are also studied, with the option of working with some students in the support classes to gain experience working with special needs children. Food and nutrition in childhood is discussed and meals are prepared. This course will give students a mixture of theory and practical learning tasks in each unit of study. There is a strong emphasis on digital learning.

It aims to raise awareness of the complexity and issues involved in raising children in the 21st century and children from 0 - 8 years are studied in this course.

Fees for this subject cover the cost of food ingredients, craft items, fabrics used to complete practical tasks and may be paid in instalments.

PROTECTIVE CLOTHING: Students are required to wear protective clothing in all practical cookery and craft-based lessons. This includes full apron, hair net and fully enclosed, leather upper shoes to satisfy Work, Health and Safety (WHS) regulations.

FURTHER STUDY: Students may continue with studies in Year 11/12 in Exploring Early Childhood, Community and Family Studies (CAFS), also TAFE and University after school.

ASSESSMENT: Research assignments, written and oral reports, practical tasks, Online Learning Modules, half yearly and yearly online examinations and resume preparation are some of the forms of assessment.

COMPUTING TECHNOLOGY (Y Only)

FEE: NIL

In an era where digital literacy is as crucial as reading, writing, and arithmetic, the subject of Computing Technology offers a profound opportunity for students to grasp the reins of the future. This dynamic discipline, which integrates creativity, logic, and innovation, empowers students to decode and design the technologies shaping our world. From smartphones that keep us connected, to AI that is transforming industries, computing technology underpins nearly every aspect of our lives. Studying Computing Technology doesn't merely equip you with a valuable digital skill set—it opens opportunities for contribution to an evolving technological landscape.

Students who chose Computing Technology will undertake four projects throughout the year. The completion and evaluation of these projects will form the basis of the assessment for this course.

Year 9 Computing Technology students will explore:

- Responsive Web Design – Students will learn to design and create engaging web pages. Through the use of languages such as HTML, CSS and JavaScript students will develop interactive and responsive websites.
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- **Game Development** – In this unit students will start by learning the fundamentals of computer programming. They will then use these skills to design and develop their own arcade style game. Students find this topic challenging and rewarding, resulting in their own unique game and a sense of achievement.
- **Internet of Things (IoT)** – As more ‘smart’ devices enter our lives the IoT is becoming commonplace. This unit will allow students to explore the technologies that underpin the IoT. Students will use sensors, a wireless micro-controller and their own code to create an IoT device that can be used to remotely monitor environmental conditions via the internet.
- **Data Analysis** – The study of Data Analytics is pivotal in today's data-driven world. This unit provides the skills and knowledge needed to unlock insights from vast amounts of information, helping with decision-making and strategy formulation. Students will learn to use business intelligence applications to help them predict outcomes and solve problems, identify patterns and trends in large datasets.

Year 10 Computing Technology students will explore:

- **Emerging Networks**– Identify and examine past, current and emerging networks to understand the impact their development has on individuals and the global community. Students will explore the development of these technologies and examine potential future developments.
- **Algorithms to Software** – Learn to design elegant and efficient code by first exploring and implementing algorithms fundamental to programming. Students use an agile process to design an algorithm, implement the solution with C# code and then refine their code after testing. A thorough analysis of User Interface (UI) principles will allow students to confidently create an application with a GUI.
- **Mechatronic Programming**– The prevalence of robotic technology and artificial intelligence in society is accelerating at a rapid rate. This unit will allow students to explore the technologies that underpin mechatronics and artificial intelligence.

ASSESSMENT: Students will complete a range of assessments based on the units of work studied.

DIGITAL MEDIA AND PHOTOGRAPHY (Y Only)

FEE: \$10

The Photography Elective is for students interested and curious about taking photos, creating digital art and creating films.

Learn to take great photographs, understand the camera, get more technically creative with your photography and develop your skills in digital drawing, animation and filmmaking. This course gives students the opportunity to explore all types of photographic imaging and is a great stepping-stone for senior visual art, photography, visual design or graphics.

The program is flexible and allows students to develop skills, as well as looking at the way other photographers make their work.

Course outline:

- Camera Basics
- Digital photography
- Computer editing in Adobe Photoshop
- Digital drawing and illustration
- Short filmmaking
- Animation and Adobe Animate
- Pocket films and photo apps
- Black and white techniques

Students from this class may be involved in the School Photography Team, photographing sporting carnivals, special events etc.

REQUIREMENTS: You will need an A4 sketch book- all other equipment is supplied.

ASSESSMENT: In-class projects, practical work and associated investigations.

DRAMA (Y Only)

FEE: NIL

The study of Drama involves opportunities for students to participate in making, performing and appreciating drama and theatre. Students engage with these components through collaborative and individual experiences. Study includes improvisation games and activities, group performance and play building, elements of production - set, lighting and sound, theatre analysis and viewing.

Through a range of practical and theoretical activities, students will recognise the collaborative nature of drama, develop communication techniques and problem-solving skills. Students will have the opportunity to engage in a variety of performance activities both within the school and the wider community. Attendance at live theatre and community performances will also be encouraged.

Drama encourages self-confidence, collaboration, practical approaches to sophisticated concepts and a supportive and fun environment to explore your creativity!

REQUIREMENTS: You will need an A4 sketch book- all other equipment is supplied.

ASSESSMENT: Class participation, workshops, performances, reflective writing and creative design submissions.

FOOD TECHNOLOGY (X & Y)

FEE: \$135

Food-related issues are becoming of increasing community concern and interest. Students examine food issues including hygiene and safety, nutritional claims, nutritional quality of food, new food product development and the environmental impact of food production processes.

The practical component allows students to explore the richness, pleasure and variety food adds to life. Students develop practical skills in preparing and presenting food that will enable them to select and use appropriate ingredients, technique, and equipment. The course looks at food applications in domestic, commercial, industrial and global settings.

Through a range of practical experiences, students make informed and appropriate choices with regards to food. This requires an understanding of nutritional principles and food equity issues in our communities. Students are encouraged to develop sound food habits that will contribute to health and wellbeing.

Fees for this subject may be paid on a per semester basis. Fees cover the cost of all ingredients supplied for student consumption. Students must participate in all practical lessons and therefore pay food fees by instalment dates.

PROTECTIVE CLOTHING: Students are required to wear protective clothing in all practical lessons. This includes full apron, hair net and fully enclosed, leather upper shoes to satisfy Workplace Health & Safety regulations.

FURTHER STUDY: Students may continue in Year 11/12 with Stage 6 studies in Food Technology and/or VET Hospitality courses in Commercial Cookery and Food & Beverage.

ASSESSMENT: Includes research assignments, excursion reports, practical tasks, oral reports, design exercises and unit tests.

INDUSTRIAL TECH. JEWELLERY (Y Only)

FEE: \$70

The Jewellery focus area provides opportunities for students to develop knowledge, understanding and skills in relation to Jewellery and associated industries and become familiar with Workplace Health & Safety (WHS). Students will develop knowledge and skills in the use of materials, tools and techniques in the production of Jewellery projects. Most work will be done with sterling silver. Projects undertaken by the students will include basic ring construction, twisted ring, pendants, built up ring, stone settings (both bezel and claw), and the opportunity to design their own pieces of jewellery. A project report is required for each practical project.

NOTE: For safety reasons students doing this course must wear enclosed leather shoes for practical sessions and provide their own safety glasses.

ASSESSMENT: Includes construction of practical projects, minor and major assignments, WHS – personal work practises in the workshop and tool machinery risk assessments.

INDUSTRIAL TECH. TIMBER (Y Only)

FEE: \$60

The aim of this course is to recognise the properties of materials and have confidence in manipulating those materials. Students will gain experience with:

- Machines, tools and processes
- Develop safe, skilful practical skills
- Achieve personal satisfaction from the completion of projects
- Recognise and understand the principles of good design
- Gain insight into career possibilities
- Become familiar with Workplace Health & Safety (WHS).

The course emphasises the development of design skills necessary for the awareness of factors such as material selection, shaping processes, joining methods, selection of

Y LINE SUBJECTS CONTINUED

hardware and finishes as well as the modification of a given design and recognition of alternative designs; an understanding of the planning skills necessary to the construction of a project; the acquisition of the necessary construction skills required in the production of projects such as a mallet, small stools, tables, cabinets, a wine table, bowls, lamps, etc. A project report is required for each practical project.

If you are considering an apprenticeship and trade as a career, you should strongly consider choosing this subject. Fees for this subject can be paid by instalments.

NOTE: For safety reasons students participating in this course must wear enclosed leather shoes for practical sessions and provide their own safety glasses.

ASSESSMENT: Includes construction of practical projects, minor and major assignments, WHS – personal work practises in the workshop and tool machinery risk assessments.

LAW, BUSINESS AND MONEY (Y Only)

FEE: NIL

This course provides students with the knowledge and skills they need to make informed financial, consumer and legal decisions. Knowing the law gives you the confidence to protect yourself, friends, family and business in modern society. It is designed for students who want to know more about the law and how it applies to young people as well as society. Students will also learn about how to save and invest their money as well as what to buy, where to buy and how to buy products/services.

We will also be studying work and wellbeing, your rights and responsibilities in the workplace and how to deal with issues in the workplace should they arise. Concepts such as taxation and superannuation are also explored within the employment and workplace topic.

If you like to travel then Law, Business and Money is the course for you. Students will explore how to plan a trip whether doing it by yourself or through a travel agent, how to develop an itinerary and the documentation you need before you travel.

This course helps students to build skills and concepts for senior courses including Business Studies, Legal Studies and Economics in Year 11 and 12.

COURSE OUTLINE: The study of commercial and legal concepts such as:

- Law
- Travel
- Running a business
- Promoting and selling
- Investing
- Consumer and Financial Decisions
- The Economic and Business Environment

ASSESSMENT:

- Create your own business and business plan.
- Design and market your own product.
- Develop a travel itinerary and website.
- Research famous legal cases and decide whether justice was served.
- Develop a market day plan and run a stall at a wellbeing day.

EXCURSIONS: A range of excursions will take place which include Maitland Gaol and local shopping/business precincts. Small fees may apply to cover the cost of excursion opportunities.

MARINE & AQUACULTURE TECHNOLOGY (Y Only)**FEE: \$20**

Marine and Aquaculture Technology provides students with skill development in swim survival, basic snorkelling, open water snorkelling and fishing. Students will also develop an appreciation and understanding of the marine ecosystem, it's fragility, complexity, interrelationships and its importance to human culture.

This content endorsed course provides students with a vast array of learning opportunities and empowers students as future custodians of this environment to study and appreciate the marine environment and its value. They will gain the necessary knowledge and skills required to protect these unique ecosystems and communicate this to the community. It provides the opportunity to build an environmental conscience towards the use of the marine environment and the demands placed by community and government.

Units studied throughout this subject include:

- Introduction to Marine and Aquaculture Technology (incl. skill development and testing in swim proficiency and first aid procedures)
- Fish harvesting
- Rock platforms
- Skills, management and employment
- Aquarium design and maintenance
- Introducing estuaries
- Dangerous marine creatures
- Basic and open water snorkelling
- Growing crustaceans
- Local area study
- Personal interest project

NOTES: Practical activities for this course will run during allocated whole school sport time and will incur an additional fee for bus travel.

- Students are required to demonstrate a proficient level of swimming skills.
- Students are required to provide their own snorkelling equipment and fishing rod and tackle (please contact the Science faculty if you require assistance with this).

EXCURSIONS: Excursions will incur an additional fee for bus fare, and will include swim proficiency and survival training, snorkelling, fishing rocky platform and local area studies.

PHYSICAL ACTIVITY & SPORT STUDIES (PASS) Girls on the Move (X & Y)**FEE: \$15**

This exciting girls-only elective course aims to develop confidence, skills and knowledge in the area of health, and allows students with ability or interest in the PE area to extend and develop their talents. This module includes the following theory units:

- Physical activity for health
- Sports coaching
- Event management
- Physical fitness
- Opportunities and pathways in sport
- Lifestyle, leisure and recreation
- Nutrition and physical activity
- Physical activity for specific groups

In a safe and supportive environment, students participate in fun and engaging practical units to increase skills and confidence across a variety of sports. Students will be involved in a range of excursions and develop connections within the wider community, including our feeder primary schools and the University of Newcastle.

Students in Year 9 will be eligible for selection for the annual Year 8 and 9 Inter-College Sporting Challenge.

NOTE: Only one PASS course can be chosen as the theory components are similar.

ASSESSMENT: Both practical and theory tasks will be set.

PHYSICAL ACTIVITY & SPORT STUDIES (PASS) Rugby League (Y Only)

FEE: \$15

The aim of this course is to develop skills and knowledge in Rugby League. This module has a focus of rugby league within the following theory units:

- Body systems
- Sporting coaching
- Event management
- Fundamentals of skill
- Fitness and training methods
- Sports Education in Physical Education Program
- In League, In Harmony NRL Program
- Sports psychology
- Sports injuries

Students will also be involved in a number of practical assessment tasks, such as peer coaching, structuring skill sessions for feeder primary schools and organising sporting gala days. A number of excursions are implemented throughout the course, most notably the annual excursion to an NRL State of Origin match in Sydney. Students in Year 9 will be eligible for selection in various 2024 rugby league competitions, including the annual Year 8 and 9 Inter-College Sporting Challenge.

NOTE: Only one PASS course can be chosen as the theory components are similar.

ASSESSMENT: Both practical and theory tasks will be set.

PHYSICAL ACTIVITY & SPORT STUDIES (PASS) Soccer (Y Only)

FEE: \$15

The aim of this course is to develop skills and knowledge in Soccer. This module has a focus of soccer within the following theory units:

- Body systems
- Sporting coaching
- Event management
- Fundamentals of skill
- Sports education in Physical Education Program
- Fitness and training methods
- Sports psychology
- Sports injuries

Students will have the opportunity to complete a Level 1 Referee and Coaching Certificate in Soccer. Students will also be involved in a number of practical assessment tasks; coaching peers, structuring skill sessions for feeder primary schools and organising sporting gala days. A number of excursions are implemented throughout the course, which includes inter-school soccer visits. Students in Year 9 will be eligible for selection in various soccer competitions, including the annual Year 8 & 9 Inter-College Sporting Challenge.

NOTE: Only one PASS course can be chosen as the theory components are similar.

ASSESSMENT: Both practical and theory tasks will be set

PSYCHOLOGY (Y Only)**FEE: NIL**

Psychology is a new elective that provides the knowledge and understanding of human nature by asking scientific questions and by undertaking studies into the fields of neuroscience, cognitive sciences and social psychology. Through these studies, students will appreciate how people perceive the world around them and how they respond to it, how human learning develops, and how they relate to others and function within society.

The aim of Stage 5 Psychology is to promote understanding and a critical awareness of the nature of human behaviour and the influence of biological, cognitive and socio-cultural factors on individuals and society.

Students will cover a range of topics which include:

1. What is psychology?
2. Research methods in psychology
3. Intelligence and creativity
4. Personality and self
5. Forensic psychology
6. Psychology and society
7. Psychology and gender
8. Psychological disorders and constructs of normality
9. Psychology of success
10. School-developed options

Please note that department approved elective courses such as Psychology, will not be listed on the Record of School Achievement (RoSA).

ASSESSMENT: A range of tasks that involve psychology research, surveys, creative tasks and fieldwork.

EXCURSIONS: A range of excursions will take place, including the University of Newcastle and other venues. Small fees may apply to cover the cost of excursion opportunities.