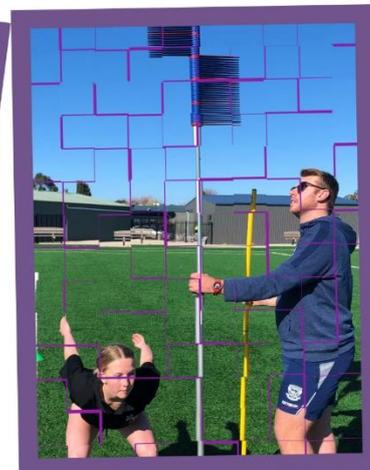
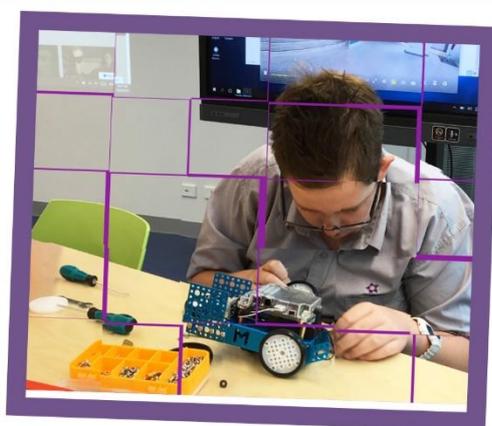
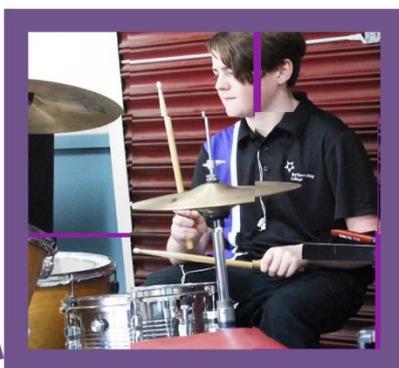


Year 9 HANDBOOK



Northern Bay P-12
College



Contents

Year 9 Pathways	Page 1
Year 9 Course Selection Important Dates	Page 2
Year 9 Overview	Pages 2-3
Core Subjects	Page 3
English	
Mathematics	
Science	
Humanities	
Health and Physical Education (HAPE)	
Elective Subjects at a glance	Page 5
Humanities Electives	Page 6
Art Electives	Page 5
Technology Electives	Pages 7
HAPE Electives	Pages 8
SEED	Page 7
Program Day	Page 9
Exemplary Programs	Pages 10

Year 9 Pathways

Dear parents and carers,

Our vision is to instill community commitment, confidence and high expectations in lifelong learners. At our Senior Secondary campus this is summarised as enabling students to become as likable and independent as possible, ensuring the characteristics and skills to transition to either employment, TAFE or University. To live this vision, we want students to collaborate about their futures, achieve their personal outcomes, respect each other and be equitable in everything. Our Year 9 programs will allow our students to do just that!

Year 9 is a significant transition from our P-8 campuses. Our program has a secondary approach where students will have a number of specialist teachers for subjects. It is our intention to continue to develop students' love of learning and provide them with a curriculum that allows them to grow as learners, as well as guide them to develop plans for their future study or work choices. The 9-12 campus offers programs and pathways catering for the skills, abilities and interests of all students. In Year 9, students are required to make deeper connections between their learning and the world around them and how learning can be applied.

Our curriculum is designed to provide students with a well-rounded, supported and rigorous education that leads into a comprehensive VCE or VCAL pathway. Prior to selecting their program, our students should consider their future and the types of career/occupations, they see themselves enjoying and in which they can envisage success. Students should investigate occupations, courses and training in their interest area.

A number of key programs support our year 9 structure. These include the Mentor program, where students undertake respectful relationships education. SEED ELECTIVE is by application. Students also participate in program days in the second semester that involves a number of experiences such as city schools and also the Geelong Tertiary Futures program. I would like to thank our staff for the work that has gone into developing the many components of our programs, and I look forward to sharing the achievements from the students and staff at the college during the year 2020.

Mr Ken Massari

Goldsworthy Campus Principal

Collaboration, Outcomes, Respect and Equity.



Important dates: Course selection

13 and 14 December 2019

Year 9 2019 Course Confirmation Days (Individual appointments, no classes)

Please note:

- Every effort will be made to ensure that students are allotted their subject preferences.
- Only those subjects that attract a sufficient number of students will be taught.
- All selections should be considered as applications to study the subjects.
- Students who wish to select the Sports Academy in Year 9 will need to complete an application.

Year 9 Overview

The Year 9 Program offers a wide range of challenging, interesting and student focused subjects with meaningful curriculum, all designed to engage learning. The Year 9 program develops skills and values: teamwork and leadership; independence; trust and collective responsibility whilst building resilience and improving academic knowledge

In Year 9 students attend classes in the Core Curriculum areas and have additional areas of learning which they choose to study, called electives. Core subjects continue throughout the year while Electives operate by semester. Semester 1 (Terms 1 and 2) Semester 2 (Terms 3 and 4)

CORE SUBJECTS	Duration	# of sessions per week	Electives Semester 1	Electives Semester 2
ENGLISH EAL	All Year	4 sessions	Selections x 3 (2 sessions per week) or Sport Academy or EAL (= 2 elective choices 4 sessions per week)	Selection x 1 (2 sessions)
MATHEMATICS	All Year	4 sessions		And Program Day x 1 (4 sessions)
SCIENCE	All Year	4 sessions		
HUMANITIES	All Year	4 sessions		
HAPE	All Year	2 sessions		
MENTOR	All Year	1 session		
Total		19 sessions	6 Sessions	6 Sessions

Bell Times and period allotment

9:03 am	9:13am	Home Group	10mins
9:15 am	10:13am	Period 1	58mins
10:13 am	11:11am	Period 2	58mins
11:11 am	11:41am	Recess 1	30mins
11:46 am	12:44pm	Period 3	58mins
12:44 pm	1:14pm	Recess 2	30mins
1:19 pm	2:17pm	Period 4	58mins
2:17 pm	3:15pm	Period 5	58mins

Student Uniform Expectations in Year 9

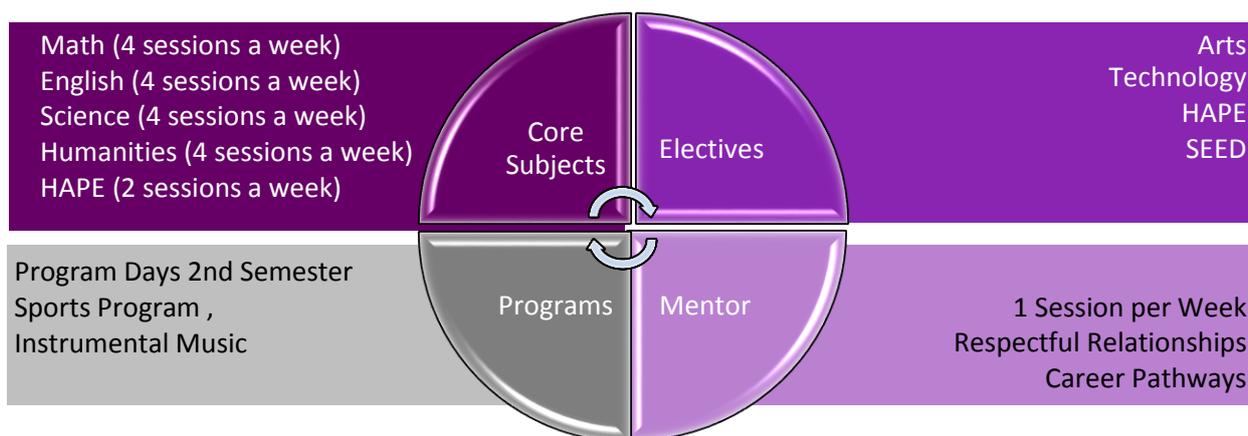
All students are expected to wear school uniform on a daily basis.

No student will be permitted to attend an excursion/camp unless they are in full school uniform.

Students presenting to school out of uniform will not be accepted until in full uniform.



Year 9 at a glance



Core Subjects

English:

In Year 9 English students acquire skills that enable them to be competent, responsible, informed citizens within our society and ensure literate individuals capable of critical thinking, aesthetic appreciation and creativity. In English students build on their individual ability to read, use written information and write appropriately in a range of contexts. Assessment tasks allow students to develop skills that will be used in later years covering independent reading, film and text responses, grammar, writer workshops and oral presentations. **Chargers for this subject 10.00 Levy and \$10.00 excursion**

English as an Additional Language (EAL) \$10.00 Levy

This is strongly recommended for students with a Non English Speaking background. English as an Additional Language gives students intensive experience in the practical application of language. The course aims to both strengthen and extend students' knowledge and use of the language of English through specific and varied written and spoken pieces of set work. Students may also obtain assistance with language requirements of work from mainstream classes. **Chargers for this subject are \$10.00 Levy.**

Mathematics: At year 9 we offer a flexible and adaptable mathematics curriculum to address student's different learning needs and cater for various levels of competency in all areas of the Year 9 Mathematics curriculum. Students undertake studies designed to develop vital skills and concepts that will be used both in further studies and in the students' lives beyond school. Students have the opportunity to enhance their numeracy ability, which will provide pathways to VCAL, VCE or individual learning programs in the future; while still addressing core concepts of measurement, geometry, probability, statistics and algebra. . There are **no costs** for this subject.

Science: In Year 9 Science students investigate biology, chemistry, physics and psychology. Biology is the study of all living things and their relationships between one another and their environments. Chemistry is a key science in explaining the workings of our universe through an understanding of the properties and interaction of substances that make up matter. Physics is a science that contributes to our understanding of the physical universe from the building blocks of matter to the broad expanses of the Universe. Psychology is the scientific study of mental processes and behaviour in humans. There are **no costs** for study of Science.

Health and Physical Education: Health and Physical Education is a core subject for 2 sessions per week and additional HAPE subjects can be selected as electives. Year 9 HAPE consists of 1 session with a physical education focus and 1 session with a health focus. Physical Education is a practical based session with a focus on participation in a variety of activities. Health introduces students to topics such as mental health, lifestyle diseases, relationships, sexuality and physical health. Students will analyse support services, critique strategies to enhance health with a focus on Respectful Relationships. **\$15.00 excursion levy**



Humanities

In this CORE subject students study the Modern Period (1750-1900), encompassing the Industrial Revolution and colonisation of Australia and the history of Aboriginal and Torres Strait Islander peoples. Students consider key events through the lens of economics, politics, law and social perspectives. Students also consider the Geography of Interconnections between humans and the earth and environmental change and management, including the impacts of agriculture and mining, human perspectives of landscapes, Aboriginal and Torres Strait Islander peoples' connection to country and indigenous ecological knowledge.

Students cover the following topics:

The Industrial Revolution: Farming Food & Fossil Fuels This area of study explores inventions and innovations that resulted in significant global changes as societies become industrialised. Students examine the significant change in farming practices, the environmental and economic factors that influence agriculture, the interconnection between food production and the alteration of the environment, and the connections between food and human wellbeing. Students also look at alteration of the environment to produce industrial materials, including mining and the use of fossil fuels.

The Industrial Revolution: cities and change This area of study explores the conditions and innovations that resulted in significant global changes as societies became industrial including urban expansion, economic and social reforms, and changes in the nature of work. Students investigate development in transport and communication and how this influences trade, global connections and the movement of peoples. Students consider the perspective of people living in cities during this period, investigating the causes and consequences of poverty and the development of the penal system.

Australia: Colonisation to Federation This area of study focuses on the colonisation and settlement of Australia by Europeans and the key social economic and political feature of the period. Students explore the experiences of convicts and settlers from Britain, China and Afghanistan, including early exploration, relationship with the landscape and the gold rush. Students then learn about Federation, the formation, roles and responsibilities of the Australian government and key political parties.

First Nation: Aboriginal and Torres Strait Islander peoples This area of study explores the history of Aboriginal and Torres Strait Islander peoples, beginning with life in Australia prior to colonisation, including the customs and beliefs of different nations, indigenous ecological knowledge and relationships with the environment. Students then examine areas of contact, conflict and discrimination that have impacted Aboriginal and Torres Strait Islander peoples during and following colonisation, including the stolen generations. Students then examine civil rights movements undertaken to change laws and gain rights and freedoms for indigenous people; exploring the 1967 referendum, MABO constitutional law proceedings and the Bringing Them Home Report.

There are **no costs** for this subject



Elective Subjects

Year 9 Electives including costs

Learning Area	Subject	Subject Charge	Excursion Levy
Arts <i>*Minimum 1 Selection from This learning area!</i>	Visual Communications and Design	\$30	\$0
	Visual Art	\$30	\$0
	3D- Art	\$30	\$0
	Media	\$30	\$0
Music	Music Practice	\$0	\$0
	Music Performance	\$0	\$0
Technology	Systems Engineering	\$35	\$0
	Digital Tech	\$30	\$20
	Automotive	\$30	\$40
	Food Studies – ‘What’s cooking’	\$65	\$0
	Food Studies – Cake Decoration	\$65	\$0
	Wood Technology	\$40	\$0
	Textiles	\$35	\$0
HAPE	Outdoor Ed	\$0	\$150
	Healthy Living	\$10	\$20
	Sports Development	\$0	\$32
SEED <i>All year elective</i>	SEED	\$0	\$100



The Arts

Music

Music Performance 1: This music elective provides opportunities for students to develop fundamental knowledge and skills in music. Students engage with music in a variety of ways – listening critically, performing, composing and creating – using a range of music technology, instruments, and sound sources. Students explore diverse music styles and the historical, cultural, and social contexts of music. Students develop skills on their chosen instrument as they collaborate on a program of works for performance.

Music Performance 2: This music elective provides opportunities for students to further develop fundamental knowledge and skills in music. Students work in an ensemble to prepare performances of music in a variety of contemporary styles. They analyse stagecraft elements as used by professional performers and incorporate these into their own work. The focus of the elective is on developing a program of works to be presented before the school community at the end of each term.

Visual Communications and Design:

This elective provides students' opportunities to work with a variety of methods involved in the design and construction of various outcomes such as, perspective and architectural drawing, package design, observational drawing, sign cutting and digital illustration. Students Interpret imagery and representation in design. Use design process and analysis techniques to research designers and design fields from Australia and abroad. Visual Communication and Design vocabulary is integrated into the student's design practice and folio development.

Visual Art:

This elective introduces students to studio art practice through engaging with a variety of art forms including, drawing, painting, sculpture and printmaking. Students investigate art themes, materials, techniques and processes. Students research artists and art movements for Inspiration and learn how to annotate and evaluate their own art practice in a visual diary. Art vocabulary and analyses are integrated into the student's art practice and are paramount for art comprehension and folio development

Sculpture (3D Art):

This elective introduces students to the skills required to create and make successful 3D artworks in a simple and easy to learn step-by-step process. Students explore the addition and reduction methods of sculpture, how to plan and draw our models before we experiment and choose our materials and methods. We safely use materials like clay, wire, wood, stone, plaster, soap, wax and recycled materials.

Media:

This elective introduces students to traditional photography including 35mm film and safe darkroom processing to create their best black and white prints. Students explore photographic styles, composition and effective use of the design elements. Use digital SLR cameras, digital processing with Photoshop CC and other media related software. Analyse photographic genres like portraiture and landscape using media language and research skills



Technologies

SYSTEMS ENGINEERING

Our Year 9 students in this elective:

- learn about the science and technology of mechanical and electronic systems in a hands-on capacity.
- investigate how these systems work and are incorporated into complex systems that are used throughout modern societies.
- employ a design thinking approach to investigate problems, generate solutions and to construct devices using a range of manufacturing techniques.
- use a range of hand tools, including soldering equipment, and learning about advanced manufacturing techniques such as computer aided design, 3D printing and computer aided machining.

DIGITAL TECHNOLOGY

Our Year 9 students in this elective:

- *learn about key aspects of digital systems.*
- explore hardware components and their role in a computer system
- are exposed to algorithms and programming using a range of coding tools
- design their own individual major projects
- develop the skills and understanding needed to create their vision.

FOOD STUDIES – WHAT’S COOKING? *Our Year 9 students in this elective:*

- *work individually and in pairs to produce a variety of food products and meals based on developing their skills and knowledge of everyday food.*
- prepare nutritious family meals and products students will develop an understanding of ingredients, tools and equipment used and the presentation and serving of food.
- learn to identify correct safety and hygiene practices in food preparation.

FOOD STUDIES – CAKE DECORATION *Our Year 9 students in this elective:*

- *are introduced to and develop skills in a range of cake decorating styles.*
- *work individually to develop an understanding of ingredients, tools and equipment used and the making and decorating of cakes.*
- *will be able to identify correct safety and hygiene practices in food preparation.*

AUTOMOTIVE

Our Year 9 students in this elective:

- *develop an understanding of the systems and design techniques in modern Automotive technology.*
- *develop an understanding of the systems and design techniques used on modern transport technology through theory and practical applications.*
- *dismantle and reassemble an engine and to learn systems by practical means.*
- *learn how a mechanical engine operates, then repair a small engine, test and evaluate that engine*

WOOD WORK

Our Year 9 students in this elective:

- *develop and consolidate technical skills when working with specialist equipment and select timbers.*
- *learn to select and use techniques and equipment appropriate for traditional furniture construction.*
- *use a design process to develop product ideas using traditional construction techniques.*

TEXTILES

Our Year 9 students in this elective:

- *develop an understanding of the use of the sewing machine, basic construction and enhancement techniques to make textile projects.*
- *look at fashion design, elements used in textiles and fibre properties enabling them to use a range of technologies.*
- *develop skills in the manipulation and use of a range of textile materials, equipment and techniques.*



Health and Physical Education (HAPE)

Outdoor Education: Students have the opportunity to understand motivations for outdoor experiences and explore personal responses to outdoor experiences. They also look into the various environment types that are in Victoria and what experiences can occur in those environments. Students will also have the opportunity to participate in a variety of practical experiences:

Surfing, Stand-Up Paddle Boarding, Mountain Biking,

Bush-Walking. 'Student Voice' will be taken into account prior to finalising the activities.'

Health for Life: is an elective that focuses on topics not covered in the Core Health and Physical Education subject. Student Voice will be taken into account, but topics relate to promoting Good Health and Wellbeing, such as nutrition, mental health and mindfulness. Students evaluate health information and apply this to a variety of health situations and apply to different contexts. CPR is another possible unit.

Team Sports – Fields and Courts:

In this elective participate in physical education that focuses on field and court based team sports, including the skills, fitness requirements and tactics around specific sports. Field Sports that are a focus are football, soccer and cricket. In court based team sports in our focus are netball, volleyball and tennis. These will be practical based subjects with physical education theory being taught via a series of practical lab reports. Student Voice will be taken into account prior to finalising the activities.

SEED elective

Please note this elective runs over the year.

SEED – Sports Empowerment, Education and Development

The SEED program is an initiative of Northern Bay College to provide our student's with opportunities to live happy, active lifestyles while, at the same time, achieving excellent academic outcomes.

Rationale: The SEED program aims to provide all Northern Bay College Students opportunities including:

- expert coaching and skill development.
- Foster positive relationships with students, staff and the NBC and local communities.
- Identify clear pathways in the sporting/physical education/health industries.
- Access leadership opportunities.
- Experience a variety of sporting opportunities through access to local clubs, coaches and facilities.

Year 9 & 10 SEED:

In Year 9 & 10 students can apply to be part of the SEED program which runs as an elective for the whole year. Some students are identified through the Year 7 & 8 SEED program and encouraged to apply in Year 9. Other students apply through a keen interest in a particular sport or a pathway in the Health/PE/Sport industry.

Structure-

Year 9 & 10 SEED students participate in 2 hours of specialist coaching in one of the sports offered each week for the year. The sports in 2019 were Basketball, AFL & Soccer. (The focus sports can change from year to year based on student interest). SEED students will also complete one hour with a fitness focus each week. The fourth hour of this elective focuses on education to improve performance. Students will be educated in areas such as nutrition, mental preparation, training methods and recovery methods.

- All students that are accepted in the Year 7 & 8 Development Squad and the Year 9 & 10 program will be consistently reviewed based on the ABC principle.

A= Attendance: 95%

B= Behaviour: Teamwork/On Task/Good Listener/Helpful/Respectful

C= Character: Initiative/Leadership/Resilience/Persistence



Program Day.

Program Day models operate in semester 2

These days are a day of integrated curriculum, whereby learning areas combine planning to have students participate in an event of activity. To achieve these in the normal timetable is difficult, therefore these events run as a day, with a number of learning activities scheduled, often occurring off campus like an excursion for the whole year level.

Students are required to complete learning tasks related to either Math, English, Humanities HAPE, Arts and Design Technology or Science.

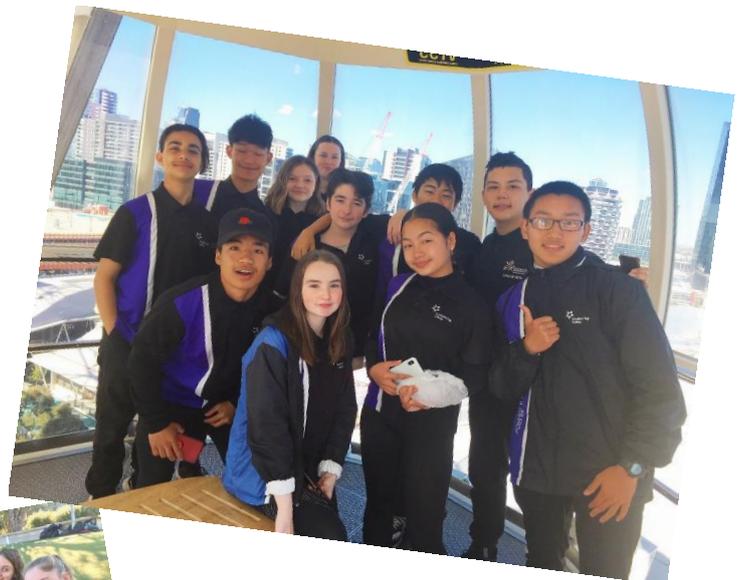
- Our Beach Program day uses the coastal environment to centre learning around.
- Our City and Geelong days use these geographic areas to also plan learning around, tied back to the learning that has been occurring in the classroom.
- Another day is our Sports tournament where students choose a variety of roles from participant, to statistician or media.

A major component of the Program Day is the **Geelong Tertiary Futures Program**.

This Applied Design Engineering Program (ADEP) is part of the State Government funded **'Skilling the Bay'** initiative. The Gordon works with Deakin University and Northern Bay College to deliver a rich immersion program capturing the essence of design engineering for advanced manufacturing featuring cutting edge technologies and engineering design processes for our Year 9 students.

The Geelong Tertiary Futures Program – Skilling the Bay is a ten day program undertaken over ten weeks during term 3 and 4. Students will be based at the Gordon and can also have on-site experiences at Deakin's CADET facility as well as selected advanced manufacturing enterprises. In essence,

Program days also target leadership, resilience and explicitly teach collaboration, outcomes, respect (respectful relationships) and equity. Students are provided opportunity to participate in projects and experiences both within school and outside to the immediate local neighbourhood, Geelong, Surfcoast, the Otways, and Melbourne, linking to community.



Exemplary Programs

Respectful Relationships

Respectful Relationships is a school based program that tackles family violence through education. As part of a staged process, all Victorian schools are supported to implement a whole school approach. Goldsworthy is a Lead school for this program which builds a culture of respect and equality in students – aiming to achieve long-term change in the community. Through the mentor program students undertake 8 units of learning.

1. Emotional Literacy
2. Personal Strengths
3. Positive Coping
4. Problem Solving
5. Stress Management
6. Help Seeking
7. Gender and Identity
8. Positive Gender Relations

Instrumental Music Program **(NO PRIOR KNOWLEDGE REQUIRED)*

Northern Bay College Goldsworthy Campus provides an extra-curricula program where students can learn Guitar (Acoustic and Electric) Bass Guitar, Keyboard / Piano and Drums / Percussion. All students in the instrumental program **are offered** the opportunity to participate in various excursions throughout the year. For example, camps provide opportunities for performances, rehearsals and workshops with students from other schools as well as encouraging new friendships.

Students will be withdrawn from their normal classes to have a half hour lesson on a rotating timetable every week and an hour of band rehearsal after school. Students begin lessons in small groups learning the rudiments of their instrument. When a degree of proficiency is achieved students are required to play in a school band e.g. Junior Rock Band. Promotion to other senior bands is possible at any time.

Learning a musical instrument can teach:

- Self Discipline
- Team connectivity
- Expression
- Musicianship
- Coordination
- Confidence

Learning an instrument can lead to VCE / VET Music Subjects. University and TAFE Diplomas and Degrees, as well as interesting and exciting careers. In addition, the College is introducing various external music exams. Entry fees vary depending on exam grade. If your child would like to learn a musical instrument please contact the College administration office. Students may also hire instruments.

Year 9 -12 Sports Program

At Northern Bay College all Year 9-12 students have the opportunity to participate in Interschool sport against other schools. The sport program is designed to give every student the opportunity to participate in the sports that they enjoy, and also experience sports they may not have been exposed to in the past. In term 1 students have the opportunity to represent the college in swimming. Trials are held in the middle of February and those students who perform well go on to swim in the Barwon & Bellarine Divisions swimming carnival.

The Northern Bay College Year 7-12 athletics carnival is held at Landy Field in March with Year 7-12 students from the Goldsworthy, Hendy, Wexford, Tallis and Peacock campuses all competing in a house competition. Students who perform well on this day then represent the college in the Barwon Division Athletics Carnival in May. Students who excel in athletics have the opportunity to go all the way through to the State finals.

Hands On Learning

Hands on Learning (HOL) is a wellbeing program connecting students with their school and community. HOL offers an alternative to the regular classes within the school environment. The program allows students to actively participate one day a week in various practical projects and team building activities, which may be within the school or outside in the local community.

Hands on Learning students work alongside staff/ mentors, prepare meals and eat together and learn practical and personal development skills, working as a team and building a sense of esteem and achievement in tasks completed. Proposed practical activities include: basic carpentry, paving, constructing fences, bricklaying, painting and horticulture. Team building will include a range of activities including: swimming, bike riding, and bush walking and surfing.



Year 9 HANDBOOK

