LYNDHURST Secondary College

2024 Year 10 Subject Handbook

Empowering students for learning and life

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Principal's Message

The purpose of this handbook is to support and guide current Year 9 students with important subject and pathway choices.

At Lyndhurst Secondary College, we focus on empowering students to have an active voice in their subject choices and pathways. This helps to ensure that they are engaged in their learning, and can be studying areas of interest for them. We recognise that not all learners may enjoy the same subjects or have the same pathways they are working towards, so we work with students to develop the kinds of subjects that they want to study. These are the subjects you will find offered in this handbook.

Year 10 is an exciting year where students get their first big opportunities for choice and voice in learning. With this opportunity, comes the responsibility that all learners have to make informed choices. This includes making sure they have read the subject information in this handbook, as well as spoken with key contacts and their current teachers to help guide their choices.

We look forward to meeting with students as part of the Course Counselling process where subject preferences are entered into our systems for the following year.

We thank students for their preparation in this process, as well as staff, parents and carers for the support of our Lyndhurst learners.

Allumes

Ms Eloise Haynes College Principal

Learning at Lyndhurst Secondary College

At Lyndhurst Secondary College, we empower students for learning and life.

Our curriculum across Years 7 to 12 is designed to meet the following core principles:

- Meet the academic and social needs of all learners
- Empower learners to have voice and agency in their learning
- Build successful, lifelong learners
- Create work-ready, employable people

We have a vision of a successful Lyndhurst Learner looks like further in our Graduate Profile. This identifies the skills and dispositions of a successful graduate of Lyndhurst.



To enable all learners the best opportunities to succeed, we understand that learning opportunities need to develop alongside our young people. Therefore, our curriculum structure gradually releases responsibility over the years, moving from a structure of core curriculum with minimal choice, to a fully customised, individual pathway. This enables students to take more control and responsibility for their learning as they progress through the stages, all with the guidance of support of their parents/carers and our staff.

Our college structure and associated curriculum is based on three distinct sub school stages, each with their own identity and focus. By moving successfully through these three stages, we aim for all learners to be able to move into the fourth phase where they attain and enter their desired pathways. These four phases together form our school-wide philosophy for learning over the years:

- Launch (Years 7 and 8)
- Explore (Years 9 and 10)
- Achieve (Years 11 and 12)
- Pathways (post-secondary schooling)



Explore (Year 10) Overview

Define: explore (verb) -

To examine something thoroughly. To learn something by trying it.

The focus for this the Explore stage (which encompasses Years 9 and 10) is on providing students with the opportunities to engage with a wide variety of subjects. This encourages students to take more responsibility for determining their learning pathway through increased elective choices. In addition to this, students continue to study a core program to ensure there is breadth in their learning.

At Year 10, students take the first steps toward preparing for their senior years of schooling. Students select an English and Mathematics program of either VCE preparation or VCE-VM preparation, alongside a varied elective program, where students can explore their interests and build the necessary foundations for further study in Years 11 and 12.

Students also have the option to explore an early start to their senior program by undertaking either an early start VCE subject, or an early start VET course. Students considering this option should speak to their Sub School team, to determine if this is a suitable pathway for them.

As a part of their program, students will complete a subject also called Explore, where they will have the opportunity to build a mentoring relationship that will support their learning across other subjects and assist in students' career and course planning.

The standard Explore program at Year 10 sets the foundations for preparing students to engage with EITHER of the majors in the VCE: VCE or VCE Vocational Major.



Explore (Year 10) Curriculum Structure

In 2024, a typical learning program for learners in Explore (Year 10) is structured as follows:

| Subject | Semester 1 Semester 2 | | | | | |
|------------------------|-----------------------|-----------|--|--|--|--|
| Explore | 1 period | | | | | |
| English/EAL | 4 periods | | | | | |
| Mathematics | 4 periods | | | | | |
| Work-Related Skills | 4 periods - | | | | | |
| Science or Explore PDS | - | 4 periods | | | | |
| | 4 periods | 4 periods | | | | |
| Free Choice | 4 periods | 4 periods | | | | |
| | 4 periods | 4 periods | | | | |

| | Core curriculum | | Guided choice | | Free choice |
|--|-----------------|--|---------------|--|-------------|
|--|-----------------|--|---------------|--|-------------|

More information about the guided choice and free choice options is outlined below:

| Mathematics | From Year 9, students have the opportunity to choose, General Maths Prep, Maths Methods Prep or Numeracy which is a more hand-on, practical application of Maths and Numeracy skills. The subjects will help prepare students for these Mathematics and Numeracy subject in year 11 VCE or VCE Vocational Major. Recommendations are provided based on testing data and other assessment data to ensure that students are recommended a choice based on their academic level |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | and desired pathways. |
| Work Related Skills | All students will study a Semester of Work-Related Skills. Students will complete best practice interviews where they will practice skills in applying and interviewing for a job. Students will also complete a block placement of structured workplace learning where they can gain experience in an industry of their choice. |
| Science or Explore PDS | Students participate in 1 semester of guided choice Science curriculum or Explore PDS. Science will give students wishing to prepare for a VCE science pathway the option to choose a science of their choice. Students wishing to engage in a Pre VCE VM pathway can choose Explore PDS where they will develop their Personal Development Skills through group projects and self reflect on their own skills in preparing for life and work. Students will also be able to select up to one additional Science in their free choices. |
| Free Choice | Students participate in 4 x semester long free choice electives from the following learning areas: • Arts – Performing • Arts – Visual • English • Health and PE • Languages • Science (see above for further information) • STEM |

Subject Choices

| Learning Area | Subjects | | | | |
|---------------------|-------------------------------------------|--|--|--|--|
| Auto Doutouming | Drama | | | | |
| Arts – Performing | Industry Music | | | | |
| Arte Vienal | Media Arts | | | | |
| Arts – Visual | Visual Arts | | | | |
| | Bridging EAL | | | | |
| EAL / Languages | Hindi | | | | |
| | World Languages | | | | |
| English | Book Club | | | | |
| | Intro to HHD | | | | |
| Health and Physical | Intro to VCE PE | | | | |
| Education (PE) | Lifestyle Fitness | | | | |
| | Outdoor Education | | | | |
| | Sports Coaching | | | | |
| | Business Management | | | | |
| | Exploring Society | | | | |
| Humanities | Geography | | | | |
| | History | | | | |
| | Legal Studies | | | | |
| Mathematics | General Mathematics Preparation | | | | |
| Wathematics | Maths Methods Preparation | | | | |
| | Environmental Science | | | | |
| | Food Science | | | | |
| Science | Pre VCE Biology | | | | |
| Science | Pre VCE Chemistry | | | | |
| | Pre VCE Physics | | | | |
| | Pre VCE Psychology | | | | |
| | Digital Technologies (Computing) | | | | |
| | Food Studies | | | | |
| STEM | Product Design (Wood) | | | | |
| | Robotics | | | | |
| | Systems Engineering | | | | |
| | Active Volunteering | | | | |
| | Essential English | | | | |
| VM | Essential Mathematics | | | | |
| | Explore Personal Development Skills (PDS) | | | | |
| | Work Related Skills | | | | |

VET for 2024

Vocational Education and training (VET) is learning where you develop targeted and practical skills. The skills you learn relate to a career pathway, so you can apply them at work or in further educational training. You can add a VET course or certificate to your studies while you are in Year 11 or 12. VET can compliment your senior school program at years 10, 11 and 12 and is a requirement for all Year 11 and 12 VCE VM students.

- Students who will be commencing Year 10 studies can access VET via an application process
- Students who will be commencing Year 11 and Year 12 can access VET on Wednesdays and Fridays
- VET is **not compulsory** for Year 10 or VCE students, however we do believe there are significant benefits for many students
- VET and Structured workplace learning are <u>compulsory requirements</u> for satisfactory completion of VCE VM Certificate
- Some VET courses require additional enrolment requirements such as compulsory attendance at an information session **and a Literacy and Numeracy quiz to ascertain suitability.** Unless stated otherwise, VETiS course if it doesn't run at school
- A VET course is for the whole year and most VET courses run for 2 years
- You may need to travel on a bus or train unsupervised to get to and from your course if it doesn't run at school

Students completing a VCE program should ensure they understand how their VET course contributes to their VCE and ATAR. If you are uncertain, please seek advice from the careers team at school.

The following VET programs are offered to Lyndhurst SC students for study in 2024. The delivery of these programs will be subject to viable student numbers and all enrolment requirements being met:

- VET AUTOMOTIVE (Certificate II in Automotive Studies) and
- VET Active Volunteering (Certificate II in Active Volunteering) are run onsite at Lyndhurst Secondary College

For all other VET courses please follow this link:

https://www.lyndhurst.vic.edu.au/student-life/senior-school-handbook/vet/

Arts – Performing

In The Arts, students learn ways of experiencing, developing, representing and understanding ideas, emotions, values and cultural beliefs. They learn to take risks, be imaginative, question prevailing values, explore alternative solutions, engage in art analysis, develop, practice and refine techniques, share opinions and extend the limits of the arts.

Drama

| Subject | Students wi | Students will work co-operatively to plan, rehearse and present dramatic | | | | | |
|-------------|---------------------------|--------------------------------------------------------------------------|-----------------|----------------|---------------|-------------|--|
| Description | works. Stude | ents will lear | n about theat | rical styles a | nd technique | s through | |
| | improvisatio | on and script | work. Charac | terisation and | d role-play w | ill be | |
| | explored, ar | nd students w | /ill keep a jou | rnal evaluati | ng their work | • | |
| Assessment | Resea | rch tasks | | | | | |
| | Perfore | rmance | | | | | |
| | Perfor | mance view | ing and analy | sis | | | |
| Advice to | This is ideal | for students | who enjoy th | eatre or perf | ormance to a | ind wish to | |
| Students | expand on t | heir acting sk | ills or overall | performance | e confidence. | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | |
| Pathways | | Drama Pre-VCE Drama VCE Drama VCE Drama | | | | | |
| Teacher | Ms Veronica | Ms Veronica Thay | | | | | |
| Contact | | | | | | | |

Arts – Performing

In The Arts, students learn ways of experiencing, developing, representing and understanding ideas, emotions, values and cultural beliefs. They learn to take risks, be imaginative, question prevailing values, explore alternative solutions, engage in art analysis, develop, practice and refine techniques, share opinions and extend the limits of the arts.

Industry Music

| Subject | Industry Mu | sic focuses o | n contempor | ary hands-or | approach to | improving | | |
|-------------|------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------|------------------------|--------------------------|--------------------------|--|--|
| Description | music skills and knowledge to learn, perform and set up equipment for | | | | | | | |
| - | multiple live gigs and performances. Students will be given opportunities to | | | | | | | |
| | play a variet | y of instrume | ents, includin | g vocals, dru | ms, guitar an | d piano. | | |
| | Students wi | Il focus on cre | eating music | and perform | ing, gaining r | eal life | | |
| | experience i | n reading dif | ferent forms | of music not | ation and pre | esentation | | |
| | skills. Stude | nts will work | on literacy sk | kills through v | written reflec | tion on | | |
| | performanc | es, compositi | ons and by a | nalysing mus | ical works fro | om a variety | | |
| | of styles and | l periods. Stu | idents will als | so be given th | ne opportunit | ty to view | | |
| | live perform | ances by rec | ognised artist | ts as well as a | attend high q | uality | | |
| | recording st | udios to reco | ord original co | ompositions. | | | | |
| Assessment | Performa | nce | | | | | | |
| | Music cor | nposition | | | | | | |
| | Research | tasks | | | | | | |
| | Performa | • Performance viewing and analysis (excursions to view performances) | | | | | | |
| Advice to | Music is idea | al for student | ts who enjoy | playing and p | performing m | nusic and | | |
| Students | want to buil | d their skills, | build their co | onfidence and | d express the | emselves. | | |
| | Music is ava | ilable to stua | lents of all m | usical levels, | from beginne | er to | | |
| | advanced. | | | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | | |
| Pathways | | | Music | Industry Music | VCE Music Performance | VCE Music Performance | | |
| Teacher | Ms Alyce Ye | oman | • | • | • | - | | |
| Contact | | | | | | | | |

Arts – Visual

Multimedia

| Subject | This course | This course has been designed to enable students to understand and | | | | | | |
|-------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------|----------------|------------------|---------|--|--|
| Description | | explore the concepts of how media influences our lives. Students will build | | | | | | |
| | | | edge in media | | | • | | |
| | different ge | nres and med | dia texts to de | evelop their p | production sl | kills. | | |
| Assessment | Photo | journal task | | | | | | |
| | Short | films | | | | | | |
| | Comp | uter-based d | lesign tasks | | | | | |
| Advice to | This is ideal | for students | who are look | ing to expan | d their skills i | n using | | |
| Students | digital tools | and movie m | naking tools. | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | | |
| Pathways | Media Arts Pre-VCE Media VCE Media VCE Media | | | | | | | |
| Teacher | Ms Georgina Gaitanis | | | | | | | |
| Contact | | | | | | | | |

Visual Arts

| Subject | Students wi | Students will be encouraged to work creatively in a range of art forms and | | | | | |
|-------------|-----------------------------------------------------------------|----------------------------------------------------------------------------|-----------------|-----------------|----------------|--------------|--|
| Description | materials. T | hey will also | learn how to | create artwo | rks from vario | ous starting | |
| | points. Stud | lents will gaiı | n an apprecia | ation of the w | orks of other | artists | |
| | learning abo | out technique | es, artistic pu | rpose and his | torical contex | xt. | |
| Assessment | Creat | ive folio | | | | | |
| | Analy | sis of artist w | vorks | | | | |
| Advice to | This is ideal | for students | who like to u | ise art to expi | ress themselv | ves, as well | |
| Students | as building t | heir skills in u | using a range | of materials. | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | |
| Pathways | Visual Arts Pre-VCE Studio VCE Studio Arts VCE Studio Arts Arts | | | | | | |
| Teacher | Ms Georgina Gaitanis | | | | | | |
| Contact | | | | | | | |

EAL / Languages

Bridging EAL

| Subject Description | Bridging English as an Additional Language (EAL) is an intensive and explicit study of the English language in a range of socio-cultural contexts and for a range of purposes, including further education, the workplace and social situations. Bridging EAL focuses on the language skills needed by students for whom English is an additional language. Students develop knowledge and skills in speaking, listening, reading, viewing, writing and thinking, and the ability to adapt their language use to communicate effectively in different contexts, | | | | | | |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|---------------|-----------------|-----------------|--|
| | • | 0 0 | ocial settings | | ely in differen | t contexts, | |
| Assessment | Journals Opinion pieces Emails Reflective writing Resumes & job applications | | | | | | |
| Advice to | This is a Uni | t 1 and 2 sub | ject which ca | n add to your | required Un | it 1 and 2 | |
| Students | English sequ This is a con | | ect for all Yea | r 10 EAL stuc | lents. | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | |
| Pathways | | | EAL | Bridging EAL | EAL Literacy | EAL Literacy | |
| Teacher Contact | Ms Rachel N | Iorante | | | · · · · | | |

EAL / Languages

Hindi

| Subject Description | LOTE is a Language other than English. At Year 10, LOTE is based on the practical application of writing, speaking, reading and listening. The subject will focus on students gaining a greater understanding of a culture and prepares students for overseas travel or further study of the language. | | | | | | | | |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------|---------------|------------------------|------------------------|--|--|--|
| | Students acquire communication skills in Hindi. They develop understanding about the role of language and culture in communication. Their reflections on language use and language learning are applied in other learning contexts. | | | | | | | | |
| | Learning languages broadens students' horizons about the personal, social, cultural and employment opportunities that are available in an increasingly interconnected and interdependent world. The interdependence of countries and communities requires people to negotiate experiences and meanings across languages and cultures. A bilingual or plurilingual capability is the norm in most parts of the world. | | | | | | | | |
| Assessment | Invest | igation/resea | arch projects | | iys | | | | |
| Advice to | - | | assist all stud | | | - | | | |
| Students | | | students may | wish to use | this for futur | e work or | | | |
| Possible | Year 7 | travel experiences.Year 7Year 8Year 9Year 10Year 11Year 12 | | | | | | | |
| Pathways | | | Hindi | Pre-VCE Hindi | VCE Hindi (via VSL) | VCE Hindi (via VSL) | | | |
| Teacher Contact | Ms Shally Kh | ianna | | | | <u> </u> | | | |

EAL / Languages

World Languages

| Subject | | 0 0 1 | | the online pla | | |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------|-----------------|-----------------|-------------|
| Description | to select a language they are interested in. Students will work using a self- | | | | | |
| | paced, online course to learn key phrases in their chosen language, then use this language in practical activities and assessments. | | | | | |
| | use this lang | guage in prac | | s and assessm | ents. | |
| | Languages a | vailable to st | udv include (| Chinese (Man | darin) Germa | an French |
| | | | - | , Arabic and N | | |
| Assessment | · • | rch projects | | | | |
| , 1556551116111 | | | | | | |
| | | presentation | | | | |
| | | e assessment | - | | | |
| Advice to | | • | | ents with an ir | | • |
| Students | language. It | is not desigr | ned for those | already fluen | t or with skill | s in the |
| | listed langua | ages. It does | not lead to a | VCE pathway | of languages | s directly. |
| | | | | | | |
| | Students un | dertaking this | s course mus | t have their o | wn laptop an | d pay an |
| | additional fe | ee to register | in the online | course (appr | ox. \$15). | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | World Languages | World Languages | | |
| Teacher | Ms Lisa Will | iams | | 1 | | |
| Contact | | | | | | |

English

English (VCE English Preparation)

| Subject Description | | Students planning on a future VCE pathway should select Year 10 English (VCE English Preparation.) | | | | | |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------|---------|----------------------------|----------------------------|--|
| | This course is designed to develop and extend a student's language competencies in reading, writing, speaking and listening. At this level, students are beginning to explore and respond to more complex ideas and issues through reading and viewing a wide range of texts. Texts to be studied may include plays, news articles, short story collections, poetry, novels and films. Responses to texts will be required both in writing and verbally at different points in each unit. | | | | | | |
| | In Year 10 English, students study the effects of audience and purpose on texts and start to apply this knowledge when constructing appropriate written and spoken texts of their own. Emphasis is placed on the development of skills and work habits that will assist students in future VCE studies. <u>PLEASE NOTE</u> : It is compulsory for all Year 10 students to select either Year 10 English <u>or</u> Foundation VCAL Literacy (VM). | | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | |
| Pathways | English | English | English | English | VCE English VM Literacy | VCE English VM Literacy | |
| Teacher Contact | Ms Melissa | Freis | | | | | |

English

Book Club

| Subject Description | and the art broad range writing form together to Common ar • What m • What de these de • What m same mo | of storytelling of places and s such as now respond to the eas of thinking akes this a go ecisions did the ecisions have essage/s doe essage when | g, Book Club d time period vels, short sto nem both and ng, discussion ood story? Wi ne writer mak on readers? s the author we read this pe chosen col | will focus on ds. Students v ories, plays a alytically and , and writing hat have we ke to create t have for the ? | | ts from a different id work why? nat effect did ve all get the |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------|
| Advice to Students | - | | en just for fu ature Units 1 | | st, or as gentle | e |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | English | English | English | English | VCE English VCE Literature VM Literacy | VCE English VCE Literature VM Literacy |
| Teacher Contact | Ms Melissa | Freis | | | | |

Intro to VCE HHD

| Subject | This subject | is a great ste | pping stone | for those inte | rested in VCE | E Health and |
|-------------|--------------------------------------------------------------------------|----------------|----------------|------------------|---------------|--------------|
| Description | Human Development and/or just interested in improving their knowledge | | | | | |
| | in all things | Health relate | d. Students v | vill develop tł | neir knowled | ge in and |
| | around the | Five Dimensio | ons of Health, | , whilst exam | ining the Aus | tralian |
| | Health Care System and healthy food choices. Students will also have the | | | | | |
| | | , | , | improving sta | | |
| | | Secondary (| | | | |
| Assessment | , | , Impact | 0 | | | |
| | | nunity Action | | | | |
| | | - | ustralian You | th | | |
| | | I Status Of A | | | | |
| | Exam | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | Core PE | Intro to VCE HHD | VCE HHD | VCE HHD |
| Teacher | Ms Georgia | Punton | | | | |
| Contact | | | | | | |

Intro to VCE PE

| Subject Description | Designed as an introduction to VCE Physical Education, this subject is a combination of weekly theory and practical PE classes exploring the 'health science within sport'. Students breakdown movement patterns and activities using a range of ICT tools such as heart rate monitors and videos through analysis. Practical classes are used to extend the theory knowledge providing additional understanding of the effects on the human body. Theory classes are an opportunity to introduce the topics offered in the VCE units, such as: Body Systems, Biomechanics, Movement Skills and Training to improve performance. To assist in the teaching and learning of Year 10 Physical Education, there will be both excursions and incursions to support students' knowledge and understanding in preparation for studying at VCE level. | | | | | | |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| Assessment Possible Pathways | | Body Systems Assessment Exam Year 7 Year 8 Year 9 Year 10 Year 11 Year 12 Core PE Intro to VCE PE VCE PE VCE PE | | | | | |
| Teacher Contact | Personal Fitness Sport & Recreation VET Sport & Recreation VET Sport & Recreation Ms Georgia Punton | | | | | | |

Lifestyle Fitness

| Subject | | - | - | | tanding in var | |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------|--------------------------|--------------------------|--------------------------|
| Description | training methods. This will also include knowledge about nutrition, and the possibility of creating community partnerships with external organisations | | | | | |
| | | - | dditional reso | - | | Samsations |
| | | • | | | l fitness plan t | to suit their |
| | | | | • | y lifestyle bala | |
| | | | | 0 | , styles and pr | |
| | | | • | | o gain a bette | - |
| | | | making daily | | 0 | |
| Assessment | Plann | ing a training | program | | | |
| | Create a weekly Hello Fresh box | | | | | |
| | Partic | ipation and s | afety conside | erations | | |
| Advice to | Students sho | ould have go | od organisati | onal skills an | d be confiden | it in |
| Students | speaking in f | front of a gro | oup. | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | Personal fitness Sport and | Pre-VCE PE Outdoor Ed | VCE PE VCE Outdoor Ed | VCE PE VCE Outdoor Ed |
| | | | Recreation | VET Sport & | VET Sport & | VET Sport & |
| | | | | Recreation | Recreation | Recreation |
| Teacher | Mr Ryan Outhred | | | | | |
| Contact | | | | | | |

Outdoor Education

| Subject Description | complemented by classroom-based activities will prepare the students for outdoor endeavours. Topics include: Outdoor living and travel skills. Sustainability First Aid Bike riding Orienteering Experiences include: Orienteering at Cardinia reservoir Overnight camp at Murrindindi Scenic Reserve 1,000 Steps walk | | | | | | |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------|----------------------|-------------------------------------------|-------------------------------------------|--|
| | | S excursion | | | N 44 | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | |
| Pathways | | | Sports & Recreation | Outdoor Education | VCE Outdoor & Environmental Studies | VCE Outdoor & Environmental Studies | |
| Teacher Contact | Mr Brad Live | esay | | | | | |

Sports Coaching

| Subject Description | coaching qu | alifications a | nd planning/o | delivering pra | icipating in en actical session | s. Students |
|------------------------|-------------------------------------------|----------------|---------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| | methods, m | otivation and | l feedback. D | uring theory | wledge in coa lessons, stude | ents will |
| | investigate f | | ing participat | ion at a pers | onal, commu | nity and |
| | | | , | | LSC Sports Lea | |
| | sports, train | ing, and scho | • | Students will | assist junior ir also have the or umpiring. | |
| Assessment | Resea | rch a success | sful sports co | ach/leader. | | |
| | Planning an activity. | | | | | |
| | Delive | ering a coachi | ing session. | | | |
| | Safety | / consideratio | ons. | | | |
| Advice to | Students sho | ould have go | od organisati | onal skills and | d be confiden | t in |
| Students | speaking in t | front of a gro | up. | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | Personal fitness Sport and Recreation | Pre-VCE PE Outdoor Ed VET Sport & Recreation | VCE PE VCE Outdoor Ed VET Sport & Recreation | VCE PE VCE Outdoor Ed VET Sport & Recreation |
| Teacher | Ms Georgia Punton | | | | | |
| Contact | | | | | | |

Humanities

Humanities provide a framework for the development of a student's knowledge and understanding of Australian society, societies in other countries, local and global environments and the interaction of people with the environment.

At Year 10, Humanities develops skills and knowledge acquired in previous years and builds on them with further studies in topic areas that focus on key issues and events. This allows students to improve their ability to make informed observations and identify relationships and changes.

Business Management

| Subject | Students wi | II investigate | Australia as a | trading natio | on within Asia | a and the | |
|-------------|--------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------|------------------------|----------------------------|----------------------------|--|
| Description | global econo | omy. Student | s will also ide | ntify and exp | lain indicator | rs of | |
| | economic pe | erformance a | nd use these | to examine t | he performa | nce of | |
| | Australia's e | conomy, the | nature of inr | ovation and | discuss how l | ousinesses | |
| | seek to be c | seek to be competitive in local and global markets. They will also explore | | | | | |
| | how businesses can use enterprising behaviours to improve work and | | | | | | |
| | business env | vironments a | nd propose n | ew business | ventures. | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | |
| Pathways | | | Running a Business | Business Management | VCE Business Management | VCE Business Management | |
| Teacher | Ms Sugantha Samuel, Mr Bishoy Aziz, Ms Nada Bitar | | | | | | |
| Contact | | | | | | | |

Exploring Society

| Subject Description | Issues are all around us, however, do we really know about them? In this subject, you will explore the concept of sociological imagination in which you consider and challenge your own assumptions about issues. You will also examine current issues and use theories such as Marxism, Functionalism and Feminism to understand them. To do this, you will participate in class discussions, debates and conduct research to develop a deep understanding of these issues. | | | | | |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|-------------------|-----------|-----------|
| Advice to Students | No prerequi | site requirem | nents to take | up this subje | ct. | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | | Exploring Society | Sociology | Sociology |
| Teacher | Ms Amy Marshman | | | | | |
| Contact | | | | | | |

Humanities

Geography

| Subject | Students co | nsider change | es in the cha | racteristics of | f places and t | he | |
|-------------|----------------------------------------------------------------------------|------------------------------------------------------------------------|---------------|-----------------|----------------|---------------|--|
| Description | implications of these. They consider significant spatial distributions and | | | | | | |
| | patterns and | patterns and evaluate their implications and consider interconnections | | | | | |
| | between an | d within place | es and chang | ges resulting | from these, o | ver time and | |
| | at different | at different scales. This further develops their understanding of | | | | | |
| | geographica | geographical concepts, including place, space and interconnection. | | | | | |
| Advice to | No prerequi | site requirem | nents to take | up this subje | ect. | | |
| Students | | | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | |
| Pathways | | | | Geography | VCE Geography | VCE Geography | |
| Teacher | Ms Sugantha Samuel | | | | | | |
| Contact | | | | | | | |

History

| Subject | The Modern | The Modern World and Australia | | | | | |
|-------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------|--------------|--------------------------------|-----------------------------|--|
| Description | This unit exa | amines the in | npacts and ef | fects of key | periods of Au | stralia's | |
| | modern hist | modern history. Students begin with a study into the short and long-term | | | | | |
| | effects of W | effects of World War II, followed by an analysis of issues related the rights | | | | | |
| | and freedon | and freedoms of Australia's Indigenous Peoples, and culminating in an | | | | | |
| | investigation into the significant contribution of immigration on Australia's | | | | | | |
| | developmer | nt. | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | |
| Pathways | | | Australia @ Wat | History | VCE History: Modern History | VCE History: Revolutions | |
| Teacher | Mr Darren Tuite | | | | | | |
| Contact | | | | | | | |

Humanities

Legal Studies

| Subject | Students be | come experts | s in how cour | ts operate ar | nd what their | functions | |
|-------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------|--------------------------|----------------------|----------------------|--|
| Description | are, in addit | are, in addition to possible punishments. They apply this knowledge to | | | | | |
| | interesting o | ase studies. | Students will | also focus or | n other aspect | ts of | |
| | Australia's L | egal System. | Additionally | they will eva | aluate feature | es of | |
| | Australia's p | olitical system | m and compa | re and evaluation | ate these key | features to | |
| | another gov | another government in the Asia region. | | | | | |
| | A look at how citizens' political choices are shaped, including the influence | | | | | | |
| | of the media, will also occur. The Australian Government's roles and | | | | | | |
| | responsibilities will also be looked at on a global level, including the | | | | | | |
| | provision of | foreign aid, p | peacekeeping | , and the Uni | ited Nations. | | |
| Advice to | This subject | can be studie | ed up to Year | 12 and is rec | commended f | or students | |
| Students | considering | VCE Legal Stu | udies as a sub | ject in the fu | ture. | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | |
| Pathways | | | Making and Breaking the Law | Pre-VCE Legal Studies | VCE Legal Studies | VCE Legal Studies | |
| Teacher | Ms Nada Bit | ar, Ms Sophie | | | | | |
| Contact | | | | | | | |

Assessment Tasks

Any of the following assessment tasks may be covered in each of the study areas:

- Class work
- Homework tasks
- Essay (Writing) tasks
- Analytical Exercises/ Visual presentation
- Oral Presentation
- Research assignments
- Unit tests
- End of semester Exam

Mathematics

The Mathematics programs offered to Year 10 students are:

- Numeracy within the VCE VM
- General Maths Preparation
- Maths Methods Preparation

Each of these units contains parallel versions of content to address the spread of students' previous achievement, their general mathematics capabilities and their VCE mathematics expectations.

Please note:

- General Mathematics Preparation is recommended for those students who want to pursue Maths in Year 12 with the possibility of further studies requiring mathematics.
- Math Methods Preparation is for Year 10 students who have shown *competence* at Year 9 and who are considering a career in mathematical sciences or a related discipline that requires a high level of quantitative thinking, for instance in science, engineering or economics.

General Mathematics Preparation

| Subject Description Assessment | This course incorporates a range of mathematical dimensions with specific focus on Number and Algebra, Measurement and Geometry and Probability and Statistics. Practical contexts are drawn upon wherever possible as a means of making the mathematics relevant to students with a view of developing applicable skills form the selected components of the Victorian Curriculum. Appropriate use of technology is used to support and develop concepts and skills and is incorporated throughout the course. This will include graphic calculators, graphing packages, statistical analysis systems and spread sheets. • Classwork and application | | | | | |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------|------------------------------|--------------------------------------|--------------------------------------|
| Assessment | | vork and app Common ass | | κ ς | | |
| | - | ured problen | | | | |
| | | f technology | | | | |
| | Seme | ster Exam | | | | |
| Advice to | Students stu | idying VCE - G | General Math | ematics prep | aration are e | ligible to |
| Students | continue stu | udying Genera | al Maths 1 & | 2 in year 11. | 1 | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | Core Maths | General Maths Preparation | General Maths Foundation Maths | General Maths Foundation Maths |
| Teacher | Ms Hiba Vodhera | | | | | |
| Contact | | | | | | |

Mathematics

Math Methods Preparation

| Subject Description Assessment | This course incorporates a range of mathematical dimensions at an advanced level. It includes a variety of practical and theoretical applications, including mathematical techniques and consumer maths; measurement of length, area, volume and time; exponentials notation and surds; trigonometry; and probability and statistics; algebra including expanding and factorising; geometry; linear relationships, equations and graphs; and quadratic relationships. Developing answers with convincing mathematical arguments is required. Appropriate use of technology is used to support and develop concepts and skills incorporated throughout the course. • Classwork and application | | | | | |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------|-----------------------------|------------------------------------------------|------------------------------------------------|
| | Tests, Struct Use o Seme | Common ass sured problem f technology ster Exam | sessment tasl n solving | | | |
| Advice to Students | This subject is designed to prepare students for further studies in Mathematics through to Year 12 in Mathematical Methods and Specialist Mathematics or combinations thereof. Students who intend to do VCE Mathematical Methods are encouraged to choose this Year 10 Maths subject. | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | Core Maths | Math Methods Preparation | VCE Math Methods VCE Specialist Maths | VCE Math Methods VCE Specialist Maths |
| Teacher Contact | Ms Hiba Voo | lhera | | | | |

Important Information

Please see the booklist for the required technology tool (calculator) in Year 10, that will see students through to Year 12.

It is strongly recommended that students wishing to choose science in VCE, choose the appropriate Year 10 science subject/s, to ensure they are prepared for their VCE subject/s. Students wishing to study a full year of science are recommended to take both the Biology and Psychology and the Chemistry and Physics electives. Students can choose a semester of science to suit their interests and needs.

Environmental Science

| Subject | Students lea | rn about vari | ious ecosyste | ms and their | impact on liv | ing things. |
|-------------|----------------------------------------------------------------------|-------------------------------------------------------------------------|------------------|----------------------|----------------------|-------------|
| Description | They explore | e how change | es that have t | aken place in | the past imp | act the |
| - | future environment. They will explore the impact of pollution on the | | | | | |
| | environmen | t and what h | uman actions | can be taker | to minimise | this |
| | impact. Stuc | lents will lear | n what is inv | olved in prov | iding a suitab | le |
| | ecosystem b | ecosystem by taking care of a class pet animal. | | | | |
| Assessment | Resea | rch reports | | | | |
| | Scient | ific posters | | | | |
| | Group | o projects | | | | |
| Advice to | Prior to com | Prior to completing this subject, students should have completed Year 9 | | | | |
| Students | Science in Se | emester 1. | | | | |
| | This subject | is only offere | ed to students | s who will no | t be undertal | king any |
| | pre-VCE scie | nce subjects. | | | | |
| | Incursion/ex | cursion costs | s of \$50 or les | s will be requ | uired as part o | of this |
| | subject. | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | Core Science | | | |
| Teacher | Ms Nimalini Maheswaran | | | | | |
| Contact | | | | | | |

Food Science

| Subject Description | This subject introduces the basic concepts of both food science and nutrition. Students learn about the structure and physical and chemical properties of the food components. They develop an understanding of the nutritional aspect of food in the human body, covering basic physiological and biochemical processes. They will learn about digestion, absorption, nutritional significance and health effects of the macro and micronutrients, | | | | | |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------|---------|---------------------------------|---------|
| | explore the | | epts of energy | | Students will I diet plannin | |
| Assessment | • Food | igation repor analysis tasks ing recipes | | | | |
| Advice to Students | Prior to completing this subject, students should have completed Year 9 Science in Semester 1. This subject is only offered to students who will not be undertaking any pre-VCE science subjects. Incursion/excursion costs of \$50 or less will be required as part of this subject. | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | Core Science | | | |
| Teacher Contact | Ms Nimalini | Maheswarar | 1 | | | |

Pre VCE Biology – The Study of Living things

| Subject | This course | provides stuc | lents with the | e opportunity | to study the | topic of |
|-------------|-------------------------------------------------------------------------|---------------|--------------------------------------------------|-----------------|-----------------|---------------|
| Description | Genetics, which is recommended for progression towards the study of VCE | | | | | |
| | Biology. | | | | | |
| | Look like Mu | um or Dad? V | Vant to know | why? This su | ıbject will hel | p students |
| | understand | the amazing | processes oc | curring inside | our cells tha | it is the |
| | - | - | enes are mac | • | • | |
| | | | stigation of ge | | | |
| | | 0 | The process o | | | |
| | and DNA, th | e blueprint o | f life, will be | separated fro | om the nucleu | us of a cell. |
| Assessment | Practi | cal reports | | | | |
| | Research Investigations | | | | | |
| | Tests | | | | | |
| | Poste | rs | | | | |
| | • Exam | | | | | |
| Advice to | Students pla | inning on stu | dying VCE Bio | ology are requ | uired to unde | ertake this |
| Students | subject. | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | Forensic Science Medical Science Science 2 | Pre-VCE Biology | VCE Biology | VCE Biology |
| Teacher | Ms Nimalini Maheswaran | | | | | |
| Contact | | | | | | |

Pre VCE Chemistry – The study of matter

| Subject Description | The Year 10 Chemistry provides students with the opportunity to readily prepare for VCE Chemistry. Students will further their knowledge on the periodic table and the structure of the atom. They will investigate the bonding models of ionic and covalent compounds. They will extend their understanding of the main types of reactions such as synthesis, decomposition, combustion and acid and bases. Students will demonstrate their knowledge and investigate how reactions can be sped up through the means of temporatures, concentrations and surface area | | | | | | | |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------|------------------------------|--------------------------|--------------------------|--|--|
| Assessment Advice to | Practical rep Research Ta Tests Exam | | | | | | | |
| Students | this subject. | 0 | | | | | | |
| Possible Pathways | Year 7 | Year 8 | Year 9 Science 2 Medical Science | Year 10 Pre-VCE Chemistry | Year 11 VCE Chemistry | Year 12 VCE Chemistry | | |
| Teacher Contact | Ms Nimalini Maheswaran | | | | | | | |

Pre VCE Physics – The study of how things work

| Subject | Year 10 Phys | sics will cove | r the topics o | of forces and t | their effect o | n motion, as | |
|-------------|----------------------------|--------------------------------------------------------------------------------|----------------|-----------------|----------------|--------------|--|
| Description | well as New | well as Newton's three laws of Motion. Students will build upon their skills | | | | | |
| | in critical thi | n critical thinking, report writing, interpretation of data and using formulae | | | | | |
| | to gain an u | nderstanding | ; of how thes | e laws of mot | tion apply to | them in the | |
| | real world. | | | | | | |
| Assessment | Practi | cal reports | | | | | |
| | Resea | rch Task | | | | | |
| | Tests | Tests | | | | | |
| | • Exam | | | | | | |
| Advice to | Students pla | inning on stu | dying VCE Ph | nysics are req | uired to unde | ertake this | |
| Students | subject. | | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | |
| Pathways | | | Space Science | Pre-VCE Physics | VCE Physics | VCE Physics | |
| Teacher | Ms Nimalini Maheswaran | | | | | | |
| Contact | | | | | | | |

STEM

Technology aims to develop in students:

- A systematic approach to generating technological solutions.
- The knowledge and skills required to use a variety of equipment and resources.
- An understanding of the principles for safely operating equipment.
- The ability to explore and assess the past and potential consequences of using technology.
- A sense of self-confidence and self-sufficiency in dealing with technology.

Digital Technologies (Computing)

| Subject | Students will develop skills related to the use of web design and animation | | | | | | |
|-------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------|-----------------------------|-------------|-------------|--|
| Description | and will be r | and will be required to design and create a wide variety of tasks such as | | | | | |
| | animation, g | animation, games, websites and layouts. Students who successfully | | | | | |
| | complete th | is will be wel | l prepared fo | r all VCE IT Su | ubjects. | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | |
| Pathways | | | Digi Tech | Digital | VCE Applied | VCE Applied | |
| - | | | | Technologies (Computing) | Computing | Computing | |
| Teacher | Ms Simone Giulieri | | | | | | |
| Contact | | | | | | | |

Food Studies

| Subject | What to eat | for good hea | alth? What do | other cultur | es eat? | | |
|-------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------|-----------------|-----------------|-----------------|--|
| Description | This unit combines the information regarding Nutrition and food selection | | | | | | |
| | and also the | and also the exciting and challenging discoveries of food from different | | | | | |
| | cultures and countries. | | | | | | |
| | Students will learn about Nutrition, Food Preparation, Food Presentation, | | | | | | |
| | and at the same time improve their practical skills. | | | | | | |
| | They design, plan, produce and evaluate nutritious recipes as well as | | | | | | |
| | researching | ingredients a | nd cooking n | nethods from | other cultur | es. Students | |
| | will gain kno | wledge on w | hat we eat, v | why we eat a | nd what influ | ences our | |
| | eating habit | s today. | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | |
| Pathways | | | Food Studies | Pre-VCE Food | VCE Food | VCE Food | |
| - | | | | Studies | Studies | Studies | |
| | | | | VET Hospitality | VET Hospitality | VET Hospitality | |
| Teacher | Ms Hayley N | Ms Hayley Muxworthy | | | | | |
| Contact | | | | | | | |

STEM

Product Design (Wood)

| Subject | Students are | e expected to | investigate a | and gain skills | in using vario | ous hand |
|-------------|--------------------------|----------------|--------------------------|---------------------------|-----------------------|-----------------------|
| Description | and power t | ools in conju | nction with a | ppropriate sa | ifety and join | ing |
| | methods. De | eveloping des | sign skills bec | omes increas | ingly importa | nt. The |
| | students are | e encouraged | to design an | d manufactur | e products th | nat improve |
| | on existing o | lesigns. Stude | ents gain kno | wledge of ma | aterials and sl | kills to |
| | increase voo | ational oppo | rtunities. Thi | s subject will | continue to i | ntroduce |
| | skills to prep | oare students | for employn | nent in the lo | cal area. | |
| Advice to | It is strongly | recommend | ed that stude | ents should ha | ave successfu | lly |
| Students | completed Y | ear 7 and 9 ۱/ | Noodwork, a | lthough it is r | not a pre-requ | uisite. |
| | Students ne | ed to ensure | they have the | e required ap | titude to und | ertake Year |
| | 10 Woodwo | rk. | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | Product Design (Wood) | | Product Design (Wood) | Pre-VCE Product Design | VCE Product Design | VCE Product Design |
| | | | | VET Building and | VET Building and | VET Building and |
| | | • | | Construction | Construction | Construction |
| Teacher | Mr Gavin Ellis | | | | | |
| Contact | | | | | | |

Robotics

| Subject | Students ap | ply their know | wledge of Sci | ence, Techno | logy and Mat | hematics to |
|-------------|---------------------------------------------------------------------|----------------|----------------|---------------------|-----------------|-----------------|
| Description | build and program robots. Students learn basic electronics which is | | | | | |
| | fundamenta | l to understa | nding any di | gital systems. | They will lea | rn |
| | electricity b | asics such as | voltage, curr | ent, resistanc | e and how to | draw |
| | | | | o micro-contr | | |
| | 0 | | | ferent prograi | | |
| | Python and | | | er er re pr e 8. er | | |
| Assessment | Project | | | | | |
| | - | rch tasks | | | | |
| | | | | | | |
| Advice to | There will be | e a materials | cost of \$50 c | or less will be | required as p | art of this |
| Students | subject. | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | Robotics | Robotics | VCE Systems | VCE Systems |
| | | | | Pre-VCE Systems | Engineering | Engineering |
| | | | | Engineering | VCE Information | VCE Information |
| | | | | | Technology | Technology |
| | | | | Pre-VCE IT | | |
| Teacher | Ms Nimalini | Maheswarar | n, Mr Andrew | v Dingey | | |
| Contact | | | | | | |

STEM

Systems Engineering

| Subject | In systems e | engineering, | students will | gain hands o | n experience | in | | |
|-------------|------------------|----------------------------------------------------------------------------------|------------------------|--------------------------------|----------------------------|----------------------------|--|--|
| Description | constructing | constructing some simple machines including motorised car with gearbox, | | | | | | |
| | solar power | solar powered car, robobug and LED torch. Students will learn the | | | | | | |
| | fundamenta | fundamentals of wiring, soldering of electrical circuits to construct electrical | | | | | | |
| | systems. Stu | systems. Students will learn how to combine both electrical and mechanical | | | | | | |
| | systems to | construct the | ese machines | . By doing the | ese projects st | tudents will | | |
| | learn how t | o design, pla | n, build and t | est a machin | e. | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | | |
| Pathways | | | Systems Engineering | Pre-VCE Systems Engineering | VCE Systems Engineering | VCE Systems Engineering | | |
| | | | | | VET | VET | | |
| | | | | | Electrotechnology | Electrotechnology | | |
| Teacher | Mr Andrew Dingey | | | | | | | |
| Contact | | | | | | | | |

Active Volunteering

| Subject Description | Are you tired of sitting in the classroom? Are you looking to get out there and give back to the local community? | | | | | |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------|---------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Assessment | If so, this subject is for you! Active volunteering is all about building on your existing community partnerships and further strengthening your links to the community, all whist complete a Certificate II in Active Volunteering. You will get the chance to explore the different extents of volunteering, basic emergency life support-skills, communication, and organisational skills to make sure you are getting ready to move into the workforce post- secondary schooling! Students will complete the following assessments: • Multiple choice and short answer questions • Group work and practical demonstration • Coursework | | | | | |
| Possible | Year 7 | teering place | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | | Certificate II in Active Volunteering | Unit 1 & 2 Personal Development Skills Certificate III in Community Services | Unit 3 & 4 Personal Development Skills Certificate III in Community Services |
| Teacher Contact | Ms Breanna | Watson | | • | · | |

Essential English

| Subject Description | Year 10 Essential English course focuses on developing their literacy skills for their life after school as they look to transition from students to active citizens in the wider community. | | | | | |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|-------------------|-----------------|-----------------|
| | Students develop literacy skills such as creating, analysing, and presenting by exploring a variety of texts including informative, persuasive, and visual | | | | | |
| | , , , | | | • | | |
| | texts to encourage students to connect the ideas and themes to their personal contexts and interests. | | | | | |
| Assessment | The Essential English program offers a combination of explicit teaching, and | | | | | |
| | a variety of assessments such as: | | | | | |
| | Self-guided research tasks | | | | | |
| | Structured coursework | | | | | |
| | Exploration of issues of interest | | | | | |
| | Persuasive argument – written, visual and oral | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | English | Essential English | VCE VM Literacy | VCE VM Literacy |
| Teacher | Ms Le-Le Dang, Mr Corey Leslie | | | | | |
| Contact | | | | | | |

Essential Mathematics

| Subject Description | | | | • · | sis on the use | |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------|--------------------------|--------------------|--------------------|
| Description | mathematics in practical situations that are encountered in everyday life in the community and the workplace. | | | | | |
| | In undertaking these units, students are expected to be able to apply techniques, routines and processes to practical solutions. The areas studied will include financial literacy, measurement, planning and organising and statistics and probability. | | | | | |
| Assessment | The Essential Mathematics program offers a combination of explicit | | | | | |
| | teaching, and a variety of assessments such as: | | | | | |
| | Coursework | | | | | |
| | Applied learning tasks | | | | | |
| | Project and Common assessment tasks | | | | | |
| | Structured problem solving | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | Core Maths Numeracy | Essential Mathematics | VCE VM Numeracy | VCE VM Numeracy |
| Teacher | Ms Le-Le Dang, Mr Anthony Brannan | | | | | |
| Contact | | | | | | |

Explore Personal Development Skills

| Subject Description | This subject takes a broad approach to the concept of community, and to the types of communities to which individuals may belong. There is an emphasis on personal and emotional growth through active group participation and membership or belongingness, and an introduction to the significance of community engagement. Explore PDS focuses on four skills: teamwork, communication, time management and problem-solving, students will participate in an activity that investigates how personal development can help them achieve their goals. | | | | | |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------------|------------|------------|
| Assessment | Explore PDS offers a combination of explicit teaching, and a variety of assessments such as: Coursework Voxpops Group work Community based projects Whole school events | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | | Explore PDS | VCE VM PDS | VCE VM PDS |
| Teacher | Ms Le-Le Dang | | | | | |
| Contact | | | | | | |

Work Related Skills

| Subject | Unit 2: Wor | kplace skills a | and capabilit | ies | | |
|-------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------|------------------------|----------------|------------|
| Description | This unit car | This unit can be credited towards students VCE and VCE VM certificate. | | | | |
| | Year 10 Work Related Skills introduces the nature of work changes | | | | | |
| | overtime focusing on understanding and developing the skills and | | | | | |
| | capabilities needed for success in future education and employment. The | | | | | |
| | Lyndhurst G | Lyndhurst Graduate Profile underpins these concepts to allow students to | | | | |
| | understand | the 21st cent | ury skills to e | nable them t | o feel empov | vered to |
| | embark on t | heir future e | ducation and | career pathv | vay. | |
| | In this unit, students are expected to develop individual capacity in | | | | | |
| | consideration to their future education and career pathway. Students focus | | | | | |
| | on understanding transferable skills that are highly valued across industries | | | | | |
| | and the con | and the concept of specialist technical work skills. This enables students to | | | | |
| | recognise ho | ow personal o | capabilities co | ontribute to t | heir future su | iccess by |
| | demonstrat | demonstrating them through a variety of contexts in and out of class such | | | | |
| | as mock interviews, resume writing and cover letter writing to encourage | | | | | |
| | them to reflect and relate on how these skills present themselves in their | | | | | |
| | current and future pathways. | | | | | |
| Possible | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 |
| Pathways | | | | VCE VM WRS – Unit 2 | VCE VM WRS | VCE VM WRS |
| Teacher | Ms Le-Le Da | ng, Ms Bree | Watson | | | |
| Contact | | | | | | |

General Advice – Choosing Subjects

Choosing subjects is an important decision. The choices that students make now can help set up a strong and supportive pathway to a successful future.

Some general advice and reminders when thinking about subjects to choose includes:

- Make sure you have read the Subject Handbook thoroughly
- Don't choose subjects because your friends are choosing them your subject choices might mean you are in the same subject, but not the same class!
- Don't choose subjects based on the teachers listed as contacts they may/may not be the teacher of the subject next year!
- Read the Possible Pathways sections to determine if the subject leads to the VCE/VET subjects you are interested in
- Encourage your parents/carers to read the booklet so you can have conversations about pathways and subject choices
- Speak with your Maths teacher to determine the most suitable Maths choice.
- Remember that not all of your choices need to be connected to a career pathway. If there is something you want to learn because it interests you, you should choose it.
- Speak with your Sub School team to answer any questions or get feedback about your draft subject choices BEFORE your Course Counselling appointment
- Follow all the steps on the Course Counselling Planning Sheet (available on the final page of the Subject Handbook)

Course Counselling Planning Sheet

Name: ______

Home Group: _____

STEP 1: Choose the most appropriate English/Maths subjects

| Subjects | Subject Choice |
|-------------|-----------------------------------------|
| | English |
| English/EAL | English as an Additional Language (EAL) |
| | Essential English |
| | General Mathematics Preparation |
| Mathematics | Mathematical Methods Preparation |
| | Essential Mathematics |

STEP 2: Choose your guided choice subjects (and reserves options)

| Subjects | My main preferences | My reserve preferences | | | |
|-------------|----------------------------------------------------------------------|-----------------------------------------|--|--|--|
| | Tick the one (1) subject you most want to | Tick the two (2) subject backup choices | | | |
| | study as your Semester 2 Science: | for Semester 2 Science: | | | |
| | Environmental Science | Environmental Science | | | |
| | Food Science | Food Science | | | |
| | □ Pre VCE Biology | □ Pre VCE Biology | | | |
| Science or | Pre VCE Chemistry | Pre VCE Chemistry | | | |
| Explore PDS | Pre VCE Physics | Pre VCE Physics | | | |
| | Pre VCE Psychology | Pre VCE Psychology | | | |
| | □ Space Science | Space Science | | | |
| | Explore PDS | Explore PDS | | | |
| | Remember: If you wish to study VCE Science subjects, you must select | | | | |
| | Science 2 as your main preference option! | | | | |

STEP 3: Select your free choice subjects (and reserve options)

• Your free choices can come from the Arts, Health and PE, Humanities, Science, STEM.

| My main preferences | My reserve preferences |
|---------------------|-------------------------|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
| 5 | Reasons for my choices: |
| 6 | |