



# LEARNING AREAS 2017

# TABLE OF CONTENTS

(Please click on a Learning Area to go directly to it)

<b>THE ARTS (VISUAL &amp; PERFORMING ARTS)</b> .....	<b>3</b>
<b>ENGLISH</b> .....	<b>7</b>
<b>HEALTH &amp; PHYSICAL EDUCATION</b> .....	<b>8</b>
<b>HUMANITIES: ECONOMICS AND COMMERCE</b> .....	<b>9</b>
<b>HUMANITIES: HISTORY AND GEOGRAPHY</b> .....	<b>10</b>
<b>LANGUAGES - ITALIAN, JAPANESE AND FRENCH</b> .....	<b>11</b>
<b>MATHEMATICS</b> .....	<b>12</b>
<b>RELIGIOUS EDUCATION</b> .....	<b>14</b>
<b>SCIENCE</b> .....	<b>16</b>
<b>VICTORIAN CERTIFICATE OF APPLIED LEARNING (VCAL)</b> .....	<b>20</b>

# THE ARTS (VISUAL & PERFORMING ARTS)

Return to [TABLE OF CONTENTS](#)

## *Visual Arts: Creative, Active and Inspired*

The Visual Arts provide students with an exciting range of courses that enable them to develop their creativity, imagination and inspiration. A wide variety of visual forms such as 2 dimensional and 3 dimensional mediums, digital media and digital imaging are offered. These can be explored in Art, Visual Communication Design and Media.

### **Student Use of Traditional and New Technologies in the Arts**

The Visual Arts Faculty is very enthusiastic about our use of technology and we have an excellent range of computer programs such as the Adobe Creative Suite (Photoshop, InDesign, Illustrator, etc), Sony Movie Studio Platinum 13 and Acid Pro to enable students to digitally create and manipulate 2 and 3 dimensional art works and moving and still images as well as aural constructions.

### **Art & Studio Arts**

Students can draw, paint, and print in an exciting studio environment. The sculpture component of our courses provide students with hands on experiences with the major sculpture methods such as modelling with clay, carving with limestones, sandstones, casting with plaster, construction and assemblage. Digital photography and digital image manipulation is incorporated into the Visual Art courses.

## *Visual Communication Design*

Visual Communication provides students with a firm grounding in conventional elements in design and enables them to familiarise themselves with computerised technologies. Students are encouraged to develop skills in a variety of areas of Visual Communication. They are challenged with drawing systems which include isometric, orthogonal, oblique, planometric, axonometric and perspective. Students develop their design skills and learn how to create layouts incorporating lettering and text in exciting visual forms.

## *Media*

Media at Parade College provides the opportunity for students to engage critically with the media we are surrounded by. As a society we are increasingly bombarded with messages through television, the internet, advertising, film, music, radio, and games and it is the purpose of Media to allow an avenue for discussion and analysis of how and why these messages are constructed. Students also use these skills to create their own media in the form of film, print, photography and many other mediums.

## *Drama in the Arts*

### **At Parade College in Drama we strive to:**

- To develop an understanding and love of Performance.
- The ability to decode Media and arts based work.
- To lay the foundations of training for individuals to work as professional actors, technicians, directors, designers and associated disciplines.
- To play a role in the shaping of our culture through continuing and development in the theory and practice of theatre.
- To build confidence and self-esteem within our students through fostering a safe and supportive classroom environment.

The Dramatic Arts at Parade College takes the standpoint that drama is about people and understanding. Through a varied and comprehensive approach to the discipline, Dramatic Art at Parade College is host to an intensive and rigorous curriculum, producing actors, theatre technicians and arts industry leaders.

Our students develop the capacity to work creatively and collaboratively, in both traditional and modern performance contexts, researching and developing the theory and practice of theatre. The course is designed to develop a wide range of skills as students progress through year 7 & 8 and have the ability to accelerate at Year 10 into Theatre Studies - Units 1 & 2. At a VCE level students may opt to undertake VCE Theatre Studies.

Within our range of Dramatic Arts and Theatre studies subjects, there is always an analytical research component in conjunction with a performance focus. Students must be prepared to learn both the theoretical and skill based framework of their studies.

Our students develop key analytical and problem solving skills from their performance and evaluative work in Dramatic Art.

Because of the highly personal nature of the subject many Drama students go on to work in professions such as Medicine, Business, Teaching, Law, Sport, Television and Film, Stage acting, Musicians, Modeling, Therapy and Youth Work. More and more the companies that drive us into the new millennia want their managers to be drama trained – the skills developed in and out of the Drama classroom are essential life skills.

## **Music in the Arts**

There is a dedicated Music Department building with two large, well equipped classrooms, 3 instrumental teaching rooms and the newly refurbished state-of-the-art Rivergum Theatre (with new Kawai grand piano). These are complemented by a recording studio, a music IT computer lab with the latest music software and equipment to assist learning across all year levels. Our music students have every opportunity to experience the joy of making music in all its forms.

In Year 7 Music, every Parade student experiences Music from three essential points of view: the Performer, the Composer and the Listener. Studies of essential *Music concepts, Music Theory and Aural Skills* support the development of *Practical Skills* on an instrument of either the Brass or Woodwind families. The latest in Music composition software enables students to develop their creative instincts through a *Music Technology Composition* project. A broad familiarity and engagement with the extraordinary variety of Music from past and present is encouraged with regular *Listening* sessions. Year 7 Music equips every student with the essential experiences and knowledge to begin a personal exploration of Music, both in and out of the classroom. In Year 7, Music is a compulsory, semester long subject.

### **Music in the Arts**

From Year 8, Music becomes an elective subject in which students focus on an instrument of their choice. In Years 8 & 9, Music Performance is a semester long subject that leads to Year 10 electives and the successful completion of VCE Music Performance. In Year 9 there are two Music subject options: the Rock Performance instrument based subject, that leads to the VCE Music Performance stream; and the technical subject called Electronic Music Production (EMP). EMP leads to the nationally accredited VET Certificate III course in VCE called Sound Production.

### **Electronic Music Production**

Students will use the latest music technology equipment and software to create and manipulate music via electronic means, for purposes such as film, TV and Computer Game soundtrack and EDM (Electronic Dance Music) creation. Students will develop their creative listening skills regarding the elements of music (including awareness of a range of electronic music genres) and learn how to solve compositional problems of beginning, continuation and completion. It is aimed at students who wish to pursue a pathway to VET Music Sound Production in later years. Please note that it is not necessary to be able to play an instrument to successfully complete this subject.

### **Rock Music Performance (Year 9)**

In Year 9 Rock Performance, students begin the developing phase level in all aspects of Music study, with a focus on Rock music performance and styles. Studies of essential music concepts, theory and aural Skills support the development of practical skills on an instrument of the student's own choice. The reading of notation is critical. Music composition software enables students to develop their creative instincts through a composition project. A deeper understanding of comparative ensemble

performance is encouraged with regular aural comprehension sessions. Year 9 Rock Music equips every student with the essential experiences and knowledge to develop their skills in and knowledge of Music, with a well-structured pathway to the Year 10 & VCE Music Performance streams.

VCE VET Music (Sound) Technical Production subjects are also offered to both Parade students and students from outside Parade College. Subjects offered at Year 11 and 12 are accredited units towards the Certificate III in (Sound) Technical Production.

## **Co-curricular Arts**

### **INSTRUMENTAL MUSIC PROGRAM**

Instrumental Music studies are a core part of Parade's strong focus on co-curricular activities.

Students may take private lessons at an additional cost with specialist instrumental teachers on Flute, Clarinet, Saxophone, Trumpet, Trombone, Piano, Guitar, Bass Guitar, Double Bass and Drums. Music Theory lessons are also available. These lessons take place during class lesson time on a rotating timetable, to avoid students repeatedly missing the same classes. Lessons are available in 25 or 50 minute lengths. Music lockers are available for students to store their instruments safely.

Students are encouraged to participate in the Bands Program. These ensembles include the multiple award winning Big Band, Classical Ensemble, Senior Rock Band, the Year 7 Honours Band and the Middle School Band. Concerts are held regularly throughout the year, with highlights being the Big Band's annual tour to the Mt. Gambier Jazz Festival and participation in the Victorian Schools Music Festival. The Carols Under the Cross concert each December has been a beloved Christmas event at Parade for many years. Numerous other excursions and intra school events occur on a regular basis, with Parade music students much in demand to perform for school liturgies and assemblies. Students participate in the ACC Music Workshops and the biannual ACC Accent on Music Concert held in Hamer Hall. Students are encouraged to undertake AMEB and Trinity Music Examinations. These exams are usually conducted at school.

The music staff brings a wealth of experience both as music educators and practitioners in the music industry as performers, composers and sound technicians to their roles as mentors to young musicians at Parade College.

### **MUSIC THEATRE**

Parade College has a proud history in Music Theatre, with past musical productions include Oliver (1996), Godspell (1997), Barnum (1998), The Pirates of Penzance (1999), Pippin (2000), Big (2001), Jesus Christ Superstar (2002), Les Misérables (2003), Guys and Dolls (2004), Chess (2005), Grease (2006), Fiddler on the Roof (2007). The inaugural production in the new Rivergum Theatre was West Side Story (2008). Many past productions and performers have been nominated for Music Theatre Guild Awards. More recently, productions of Oklahoma (2010), The Wizard of Oz (2011), Jekyll and Hyde (2012), Aida (2013), Hairspray (2014), All Shook Up (2015) and How To Succeed in Business (2016) have been presented by the College, the last four in collaboration with Mercy College, Coburg.

Students from all year levels are encouraged to participate either as performers or backstage crew.

The Drama Production has become an integral part of the Dramatic Arts at Parade College over the years. Students build a production from a playscript with direction from leading Drama teachers within the College and in collaboration with a local Catholic girls' College. The Drama production offers students the opportunity to be involved in acting and also Backstage Theatre such as being a part of the crew, student directing, stage managing or controlling the lighting and sound desks. We pride ourselves on having 'student run shows', allowing them to gain knowledge and skills in all areas of the theatre.

Past drama productions have included: 'Black Comedy' (1998), 'Two Weeks With the Queen' (1999), 'Cosi' (2000), 'Huckleberry Finn' (2002), 'A Midsummer Night's Dream' (2003), 'The Breakfast Club'/'A Clockwork Orange' (2005), 'Macbeth (.com)' (2006), 'Cosi' (2007), 'The Outsider's' (2011) and 'The

Matchmaker' (2012), The Great Gatsby (2013), The Crucible (2014) , Peter Pan (2015) and The Importance of Being Earnest (2016).

Year 7	Year 8
<b>Option studies</b>	<b>Elective studies</b>
<ul style="list-style-type: none"> <li>• Visual Art &amp; Visual Communication</li> <li style="padding-left: 20px;">• Drama</li> <li style="padding-left: 20px;">• Music</li> </ul>	<ul style="list-style-type: none"> <li>• Art &amp; Visual Communication</li> <li style="padding-left: 20px;">• Drama</li> <li>• Introductory Music Performance Skills</li> <li style="padding-left: 20px;">• Media</li> </ul>

Year 9	Year 10
<b>Elective studies</b>	<b>Elective studies</b>
<ul style="list-style-type: none"> <li>• Art</li> <li>• Visual Communication Design               <ul style="list-style-type: none"> <li>• Media</li> </ul> </li> <li>• Theatre Studies</li> <li>• Music Performance</li> <li>• Electronic Music Production</li> </ul>	<ul style="list-style-type: none"> <li>• Studio Arts</li> <li>• Visual Communication &amp; Design               <ul style="list-style-type: none"> <li>• Media</li> </ul> </li> <li>• Theatre Studies</li> <li>• Music Advanced Performance (whole year)</li> <li>• Music Industry (Sound Production)</li> </ul>

Year 11	Year 12
<b>Elective studies</b>	<b>Elective studies</b>
<ul style="list-style-type: none"> <li>• VCE Studio Art Units 1 / 2</li> <li>• VCE Visual Communication Units 1 / 2               <ul style="list-style-type: none"> <li>• VCE Media Units 1 / 2</li> </ul> </li> <li>• VCE Theatre Studies 1 / 2</li> <li>• VCE Music Performance Unit 1 / 2</li> <li>• VET VCE Certificate III in Sound Production Unit 1 / 2</li> <li>• VET Certificate III in Media Unit 1 / 2</li> </ul>	<ul style="list-style-type: none"> <li>• VCE Studio Art Unit 3 / 4</li> <li>• VCE Visual Communication Design Unit 3 / 4               <ul style="list-style-type: none"> <li>• VCE Media Unit 3 / 4</li> </ul> </li> <li>• VCE Theatre Studies 3 / 4 <i>(for 2018)</i></li> <li>• VCE Music Performance Unit 3 / 4</li> <li>• VET VCE Certificate III in Technical Production Unit 3 / 4</li> <li>• VET Certificate III in Media Unit 3 / 4</li> </ul>

[Return to TABLE OF CONTENTS](#)

# ENGLISH

[Return to TABLE OF CONTENTS](#)

The study of English at Parade College aims to ensure that all our students are actively involved in reading, viewing, writing, comparing and talking about texts.

Students will be encouraged to explore and engage with a range of literature and media texts so that they can explore ideas and think critically about their world.

Our aim is to give our students knowledge about how language functions, how it can reflect and shape social attitudes and assist them in achieving a better understanding of themselves, their culture and their world.

The English Faculty is committed to assisting the keen student by extending their literary exposure through the study of Literature at VCE level with the opportunity for extension at Year 10. The commitment to a high quality Literature course at Year 10 and the offer of an exciting elective aimed at keen writers will provide the diligent student with the opportunity to undertake an intensive study of both text and writing craft. These courses will suit the student who intends to excel in the literary field before undertaking his VCE.

Special Units in Literacy are also offered to students undertaking VCAL at Year 11 or Year 12.

The Middle School Curriculum also provides Year 8, and Year 9 students with smaller classes and a specialist teacher to assist those who require the further development of Literacy skills.

The English Faculty also works closely with the Student Support Services to help Students who need assistance because the College is committed to empowering our students and promoting excellence.

Year 7	Year 8
<b>Core studies</b>	<b>Core studies</b>
<ul style="list-style-type: none"> <li>English</li> <li>Advanced Placement English</li> </ul>	<ul style="list-style-type: none"> <li>English</li> <li>Advanced Placement English</li> </ul>
Year 9	Year 10
<b>Core studies</b>	<b>Core studies</b>
<ul style="list-style-type: none"> <li>English</li> <li>Advanced Placement English</li> </ul>	<ul style="list-style-type: none"> <li>English</li> <li>Literature</li> <li>Writing Workshop (<i>elective unit</i>)</li> </ul>
Year 11	Year 12
<b>Core studies</b> ( <i>at least one must be chosen</i> )	<b>Core studies</b> ( <i>at least one must be chosen</i> )
<ul style="list-style-type: none"> <li>VCE English 1 / 2</li> <li>VCE English Language 1 / 2</li> <li>VCE Literature 1 / 2</li> </ul>	<ul style="list-style-type: none"> <li>VCE English 3 / 4</li> <li>VCE English Language 3 / 4</li> <li>VCE Literature 3 / 4</li> </ul>

[Return to TABLE OF CONTENTS](#)

# HEALTH & PHYSICAL EDUCATION

Return to [TABLE OF CONTENTS](#)

As a Learning Area, Health & Physical Education aims to educate and develop students' knowledge and skills in a broad range of areas, these include:

- Fitness Development
- Skill Acquisition
- Rules & Strategies of Sport
- Health Awareness & Promotion
- Elite Performance and Development
- Body Systems
- Outdoor Recreation

The skills and knowledge taught across the Learning Area are fundamental to a healthy and active lifestyle both during and after Parade life. We believe these attributes to be more important now than ever before as our society faces problems linked with inactivity and poor nutritional habits.

The broad range of studies we offer gives students an excellent opportunity to undertake an exciting combination of subjects in preparation for university and TAFE tertiary courses. Some of the tertiary courses available include Human Movement, Physiotherapy, Nursing, Medicine, Myotherapy, Physical Education, Health Sciences, Podiatry, Osteopathy, Personal Training, Sports Coaching, Recreation and many more.

Entry into many of the aforementioned courses is based on interviews and experience within the field and as a result we recommend that students undertake one or more studies from this Learning Area.

The following Units are offered in Health and PE in Years 7-12.

Year 7	Year 8	
<b>Core studies</b>	<b>Elective studies</b>	<b>Core studies</b>
<ul style="list-style-type: none"> <li>• Health and Physical Education (HPE)</li> </ul>	<ul style="list-style-type: none"> <li>• Health Education</li> </ul>	<ul style="list-style-type: none"> <li>• Physical Education</li> <li>• High Performance ACC Sport</li> </ul>

Year 9	Year 10
<b>Elective studies</b>	<b>Elective studies</b>
<ul style="list-style-type: none"> <li>• Health and Physical Education (HPE)</li> <li>• High Performance ACC Sport</li> </ul>	<ul style="list-style-type: none"> <li>• Physical Education</li> <li>• Health &amp; Human Development</li> <li>• Outdoor Education &amp; the Environment</li> <li>• High Performance ACC Sport</li> </ul>

Year 11	Year 12
<b>Elective studies</b>	<b>Elective studies</b>
<ul style="list-style-type: none"> <li>• VCE Physical Education Unit 1 / 2</li> <li>• VET Certificate III in Sport and Recreation</li> <li>• VCE Health and Human Development Unit 1 / 2</li> <li>• VCE Outdoor and Environmental Studies Unit 1 / 2</li> </ul>	<ul style="list-style-type: none"> <li>• VCE Physical Education Unit 3 / 4</li> <li>• VET Certificate III in Sport and Recreation</li> <li>• VCE Health and Human Development Unit 3 / 4</li> <li>• VCE Outdoor and Environmental Studies Unit 3 / 4</li> </ul>

Return to [TABLE OF CONTENTS](#)



# HUMANITIES: ECONOMICS AND COMMERCE

Return to [TABLE OF CONTENTS](#)

Humanities: Economics and Commerce Learning Area at Parade College responds to the needs of students. The Learning Area seeks to develop consumer and financial literacy skills, enterprising capabilities and the importance of active citizenship. Students will learn about the role that individuals, businesses and governments play in the economy, the way they make decisions about how to allocate resources and the effects of these decisions.

Students are introduced to the world of business in Year 8 and in Year 9 they have the option of exploring financial investment and management courses as well investigating the legal framework of our society.

A subject called Careers is a compulsory subject for all Year 10 students. The subject coincides with the boys Work Experience Placements. The aim of this unit is to prepare the boys for the workforce and provide them with the necessary skills to be responsible and reliable employees. The study of Careers also teaches the boys how to successfully apply for jobs and how to present themselves at an interview.

The teachers in the Commerce Learning Area pride themselves on the diverse skills and attributes that each teacher brings to the classes they deliver. Teaching staff in this department include teachers who are undertaking further study, marking examinations for the Victorian Curriculum and Assessment Authority or co-authoring textbooks. There are also teachers who came to the college after time working in business.

We hope that your sons will acquire a range of diverse skills and be active participants of the Business World by studying one of the many Commerce subjects we have on offer at Parade College.

Year 7	
Core studies	
<ul style="list-style-type: none"> <li>Humanities (Civics and Citizenship)</li> </ul>	
Year 8	Year 9
Core studies	Elective studies
<ul style="list-style-type: none"> <li>Humanities (Economics)</li> </ul>	<ul style="list-style-type: none"> <li>Financial Management</li> <li>Financial Investment</li> <li>The Law in Operation</li> </ul>
Year 10	
Core study:	Elective studies
<ul style="list-style-type: none"> <li>Careers</li> </ul>	<ul style="list-style-type: none"> <li>Business Accounting</li> <li>Australia's Legal and Political System</li> <li>Business Economics</li> <li>Small Business</li> </ul>
Year 11	Year 12
Elective studies	Elective studies
<ul style="list-style-type: none"> <li>VCE Accounting Unit 1 / 2</li> <li>VCE Business Management Unit 1 / 2</li> <li>VCE Economics Unit 1 / 2</li> <li>VCE Legal Studies Unit 1 / 2</li> </ul>	<ul style="list-style-type: none"> <li>VCE Accounting Unit 3 / 4</li> <li>VCE Business Management Unit 3 / 4</li> <li>VCE Economics Unit 3 / 4</li> <li>VCE Legal Studies Unit 3 / 4</li> </ul>

Return to [TABLE OF CONTENTS](#)

# HUMANITIES: HISTORY AND GEOGRAPHY

Return to [TABLE OF CONTENTS](#)

Sometimes choice can be a problem, when there are so many options. Parents and students are best to keep in mind that students will always be happiest when studying an elective they find interesting rather than one they think they must choose for other reasons. Someone completing Year 7 or Year 8 should not select electives because of a later career choice. There is plenty of time for them to specialise in one area even if they believe they will later make a career in that subject. Students need a broad, general education to prepare them for life. Many will never study art, history, geography and politics once they leave school yet these subjects and others are important for their later lives.

Every student in Year 7 – 10 will complete Humanities (History and Geography). Year 7 & 8 Humanities are year-long courses, while the Year 9 & 10 Humanities subjects last one semester each.

Students completing Year 9 might have a better idea of what subject areas they handle well. Year 10 students who are interested in Geography may choose to study is subject as a pathway to VCE Geography. There is one History elective for students to choose at Year 10 (United States History: Civil Rights & Civil War). In all, the Year 9 & 10 Humanities provide an ideal preparation for VCE Geography and History pathways.

In addition, Year 10 Philosophy provides a way to expand student minds and leads into VCE Philosophy. Students who find that they enjoy both the History and Commerce subjects may find VCE Australian & Global Politics an interesting cross-over subject.

Year 7	Year 8
<b>Core studies</b>	<b>Core Studies</b>
<ul style="list-style-type: none"> <li>• Humanities</li> <li>• Advanced Placement Humanities</li> </ul>	<ul style="list-style-type: none"> <li>• Humanities</li> <li>• Advanced Placement Humanities</li> </ul>

Year 9	Year 10	
<b>Core Studies</b>	<b>Core Studies</b>	<b>Elective Studies</b>
Humanities	History	<ul style="list-style-type: none"> <li>• United States History: Civil War and Civil Rights</li> <li>• Geography</li> <li>• Philosophy</li> </ul>

Year 11	Year 12
<b>Elective studies</b>	<b>Elective studies</b>
<ul style="list-style-type: none"> <li>• VCE Twentieth Century History Unit 1 / 2</li> <li>• VCE Geography Unit 1 / 2</li> <li>• VCE Australian and Global Politics Unit 1/2</li> </ul>	<ul style="list-style-type: none"> <li>• VCE History Revolutions Unit 3 / 4</li> <li>• VCE Geography Unit 3 / 4</li> <li>VCE Global Politics Unit 3 / 4</li> </ul>

Return to [TABLE OF CONTENTS](#)

# LANGUAGES - ITALIAN, JAPANESE AND FRENCH

[Return to TABLE OF CONTENTS](#)

Studying a second language offers students greater career choice and helps develop a deeper understanding of their own and other cultures. Learning a language also contributes to the development of an interculturally aware citizen.

Students who study a second language enhance their thinking and reflection skills. They do this by understanding how a language operates as a system and through comparison with other language, and how other languages are structured and function for example, English. Students develop their communication skills and are provided with the tools, through comparison and reflection, to understand language, culture and humanity.

<b>Year 7</b>	<b>Year 8</b>
<b>Core studies</b> <i>(only one language is elected)</i>	<b>Core studies</b> <i>(continued from Year 7)</i>
<ul style="list-style-type: none"> <li>• Italian</li> <li>• French</li> <li>• Japanese</li> </ul>	<ul style="list-style-type: none"> <li>• Italian</li> <li>• French</li> <li>• Japanese</li> </ul>
<b>Year 9</b>	<b>Year 10</b>
<b>Elective studies</b>	<b>Elective studies</b>
<ul style="list-style-type: none"> <li>• Italian</li> <li>• French</li> <li>• Japanese</li> </ul>	<ul style="list-style-type: none"> <li>• Italian</li> <li>• French</li> <li>• Japanese</li> </ul>
<b>Year 11</b>	<b>Year 12</b>
<b>Elective studies</b>	<b>Elective studies</b>
<ul style="list-style-type: none"> <li>• VCE Italian Unit 1 / 2</li> <li>• VCE French 1 / 2</li> <li>• VCE Japanese 1 / 2</li> </ul>	<ul style="list-style-type: none"> <li>• VCE Italian Unit 3 / 4</li> <li>• VCE French Unit 3 / 4</li> <li>• VCE Japanese Unit 3 / 4</li> </ul>

[Return to TABLE OF CONTENTS](#)

# MATHEMATICS

Return to [TABLE OF CONTENTS](#)

The study of Mathematics at Parade College aims to develop the critical-thinking, problem-solving and general Mathematical skills of all students. There is a wide range of subject options that cater for a range of Mathematical interests and abilities.

Year 7-10 Mathematics provides students with access to important mathematical ideas, knowledge and skills that they will draw on in their personal and work lives. The curriculum also provides students, as life-long learners, with the basis on which further study and research in mathematics and applications in many other fields are built.

Mathematics at a VCE level is designed to provide access to worthwhile and challenging mathematical learning in a way which takes into account the interests, needs, dispositions and aspirations of a wide range of students, and introduces them to key aspects of the discipline. It is also designed to promote students' awareness of the importance of mathematics in everyday life in a technological society, and to develop confidence and the disposition to make effective use of mathematical concepts, processes and skills in practical and theoretical contexts.

Mathematics or Advanced Placement Mathematics is a core subject for all students in Years 7 and 8.

From Year 9 onwards, students at parade College have the opportunity to branch off to a range of VCE subjects at a Year 11 and 12 level..

Year 7	Year 8
<b>Core studies</b>	<b>Core Studies</b>
<ul style="list-style-type: none"> <li>• Intervention Mathematics               <ul style="list-style-type: none"> <li>• Mathematics</li> </ul> </li> <li>• Advanced Placement Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>• Mathematics               <ul style="list-style-type: none"> <li>• Intervention Mathematics</li> </ul> </li> <li>• Advanced Placement Mathematics</li> </ul>
<b>Elective studies</b>	
<ul style="list-style-type: none"> <li>• Puzzles on Parade (1 Semester)</li> </ul>	

Year 9	Year 10
<b>Core studies</b>	<b>Core studies one of</b>
<ul style="list-style-type: none"> <li>• Intervention Mathematics               <ul style="list-style-type: none"> <li>• Mathematics</li> </ul> </li> <li>• Extension Mathematics</li> <li>• Advanced Placement Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>• Mathematics: Foundations</li> <li>• Mathematics: General</li> <li>• Mathematics: Methods</li> <li>• Mathematics: Enhanced Methods</li> </ul>

Year 11	Year 12
<b>Elective studies</b>	<b>Elective studies</b>
<ul style="list-style-type: none"> <li>• VCE Foundation Maths Unit 1 / 2</li> <li>• VCE General Mathematics Unit 1 / 2</li> <li>• VCE Mathematical Methods Unit 1 / 2</li> <li>• VCE Specialist Mathematics Unit 1 / 2</li> </ul>	<ul style="list-style-type: none"> <li>• VCE Further Mathematics Unit 3 / 4</li> <li>• VCE Mathematics Methods Unit 3 / 4</li> <li>• VCE Specialist Mathematics Unit 3 / 4</li> </ul>

## Mainstream VCE Pathways in Upper School

Year 10	Year 11
<b>Core studies</b>	<b>Elective studies one or two of</b>
<ul style="list-style-type: none"> <li>• Mathematics: Foundation</li> <li>• Mathematics: General</li> <li>• Mathematics: Methods</li> <li>• Mathematics: Enhanced Methods</li> </ul>	<ul style="list-style-type: none"> <li>• VCE Foundation Mathematics Unit 1 / 2</li> <li>• VCE General Mathematics Unit 1 / 2</li> <li>• VCE Mathematical Methods Unit 1 / 2</li> <li>• VCE Specialist Mathematics Unit 1 / 2</li> </ul>

• Mathematics: Enhanced Methods (2017)

**Year 12**

**Elective studies one or two of**

- VCE Further Mathematics Unit 3 / 4
- VCE Mathematics Methods Unit 3 / 4
- VCE Specialist Mathematics Unit 3 / 4

## ***Accelerated VCE Pathways in Upper School***

**Year 9**

Mathematics Advanced Placement

**Year 10**

- VCE Enhanced Methods

**Year 11**

- VCE Mathematical Methods Unit 3 / 4
- VCE Specialist Mathematics Unit 1 / 2

**Year 12**

- VCE Specialist Mathematics Unit 3 / 4

# RELIGIOUS EDUCATION

Return to [TABLE OF CONTENTS](#)

The Religious Education course at Parade College has been developed within the 'Learning Centred Schools: A Sacred Landscape' framework of the Catholic Education Office Melbourne. The courses are based upon standards and units from the 'Coming To Know Worship & Love' syllabus which is supported by the textbooks from the Archdiocese of Melbourne. Assessments are designed to suit the learning needs and requirements of our students at Parade College as we invite a cognitive, affective and spiritual response from each unit of study.

At VCE level, the Study Designs are set by the Victorian Curriculum and Assessment Authority and implemented to suit the learning requirements of our students whilst maintaining a Catholic perspective wherever possible.

## Religious Education Offerings

<b>Year 7</b>	<b>Year 8</b>
<b>Core studies</b>	<b>Core studies</b>
<ul style="list-style-type: none"> <li>• Religious Education <i>inc. Personal &amp; Social Development</i></li> </ul>	<ul style="list-style-type: none"> <li>• Religious Education</li> </ul>
<b>Year 9</b>	<b>Year 10</b>
<b>Core studies</b>	<b>Core studies</b>
<ul style="list-style-type: none"> <li>• Religious Education</li> </ul>	<ul style="list-style-type: none"> <li>• Religious Education <i>inc. Community Action</i></li> <li>• VCE Religion &amp; Society Unit 1 <b>or</b></li> <li>• VCE Texts &amp; Traditions Unit 1</li> </ul>
<b>Year 11</b>	<b>Year 12</b>
<b>Core studies</b>	<b>Core studies</b>
<ul style="list-style-type: none"> <li>• VCE Religion &amp; Society Unit 2 <b>or</b></li> <li>• VCE Texts &amp; Traditions Unit 2</li> </ul>	<ul style="list-style-type: none"> <li>• Tenete Program</li> </ul>
	<b>Elective studies</b>
	<ul style="list-style-type: none"> <li>• VCE Texts &amp; Traditions Unit 3 / 4</li> <li>• VCE Religion &amp; Society Unit 3 / 4</li> </ul>

## Year 7-10 Units

The five content strands in Religious Education for Years 7-9 and one semester of Year 10 cover the following areas of study:

- Scripture and Jesus
- Church and Community
- God, Religion and Life
- Prayer, Liturgy and Sacraments
- Morality and Justice

These elements of Religious Education aim to assist students towards:

- Making sense of and finding meaning in everyday life experiences;
- Gaining access to and understanding the Scriptures, the traditions of the Catholic community, its stories, its experiences and its teachings;
- Celebrating with others the mystery and life of the Risen Christ;
- Responding to the activity of God in their lives and in the whole of creation;
- Empowerment to create a just world.

The students complete 4-5 units of work per year on specific topics which allows their knowledge to grow in the above areas of learning over those 4 years of study.

## Year 10, semester unit: VCE Unit 1

In Year 10, students are introduced to a Unit 1 VCE Religion subject. Students will have a choice between VCE Religion & Society Unit 1 and VCE Texts & Traditions Unit 1.

### **VCE Unit 1 Religion & Society**

This unit focuses on the role of religious traditions in shaping personal and group identity. It examines ways in which individuals and groups affect and change religious traditions, and are affected and changed by them. Throughout this the following religious traditions are studied: Christianity, Islam and Buddhism.

### **VCE Unit 1 Texts & Traditions**

This unit examines the place of narrative within a religious tradition. It explores the variety of narrative at the source of a tradition, the importance of narrative for the tradition, and how we might find and describe its meaning for the earlier and continuing tradition.

## *Year 11 Religious Education*

In Year 11 choice of one of the following two courses is compulsory:

### **Unit 2 Religion and Society**

Students will study 'Religion and Ethics' in Unit 2. If you enjoy discussing 'moral dilemmas' and can engage in thinking processes that can weigh up the various sides of an argument, then Ethics is for you.

### **Unit 2 Texts and Traditions**

In Unit 2 of this study, students will investigate themes such as justice, racism and gender roles in both the First Testament and the New Testament, and link this with events that occur in our world today.

## *Year 12 Religious Education*

In Year 12, you are not required to choose a specific Religious study for VCE. However, all students participate in the Tenete program which is based on personal spirituality and well-roundedness, bringing faith and belief into your day to day lives as one grows and develops.

For VCE there is the choice of one of the two following courses:

### **Units 3 & 4 Religion and Society**

These Units of study are titled 'The Search for Meaning' and 'Religion, Challenge and Change' respectively. These units explore the mystery and meaning of the beliefs of the Catholic Tradition, the continuous maintenance of beliefs across time and the Eucharist as a central ritual of the Catholic Tradition. The inspiration of the life of Blessed Edmund Rice is explored historically but also with a view to how his legacy or charism is lived out in radical service to disadvantaged in our modern society, and the contemporary challenges that face the Catholic Tradition today are also explored. You will need good research and writing skills to experience success in this course.

### **Units 3 & 4 Texts and Traditions**

Units 3 and 4 are titled 'Texts and the Early Tradition' and 'Texts and their Teachings' respectively. The writings are explored in the context of the society in which they were written; students examine texts relating to the origin and early development of the Catholic Tradition. It is an exegetical study of the selected texts from the Gospel attributed to Luke's community.

You will need to have good deductive skills that are similar to those required for success in a history study. Equally, capacity to write interpretive essays would be an advantage.

Return to [TABLE OF CONTENTS](#)

# SCIENCE

Return to [TABLE OF CONTENTS](#)

The Parade College Science Faculty aims to inspire and engage students. We help all to develop curiosity and a spirit of inquiry, to be open-minded and value objectivity. Our students are encouraged to adopt critical viewpoints, to recognise the limitations of science and to respect and care for the environment.

## Why Study Science?

- The study of Science helps to develop scientifically and technologically literate citizens able to make informed decisions.
- Students who study science will be able to see connections between science and people, and be aware of the impact of science on our development, society, the individual and the environment.
- Science Education prepares students for tertiary studies and entry into the workforce in a variety of capacities.
- World Economies increasingly rely on scientific knowledge and on a workforce skilled in these areas.
- The skills developed through an education in science are useful in a wide range of careers in addition to those normally thought of as scientific.

## What Can I Achieve From An Education In Science At Parade College?

- You will acquire scientific skills and conceptual knowledge.
- Use the skills of scientific investigation, reasoning and analysis to ask questions and seek solutions.
- Develop the attributes of a scientist, for example, flexibility, curiosity, critical reflection, respect for evidence and an ethical viewpoint.
- Recognize and understand the strengths and limitations of science.
- Be able to interpret and communicate scientific ideas effectively.
- Appreciate the dynamic role of science in society.

The following Units are offered in Science in Years 7-12:

<b>Year 7</b>	<b>Year 8</b>
<b>Core studies</b>	<b>Core studies</b>
<ul style="list-style-type: none"><li>• Science</li><li>• Advanced Placement Science</li></ul>	<ul style="list-style-type: none"><li>• Science</li><li>• Advanced Placement Science</li></ul>
<b>Year 9</b>	<b>Year 10</b>
<b>Core studies</b>	<b>Core studies</b>
<ul style="list-style-type: none"><li>• Science</li><li>• Advanced Placement Science</li></ul>	<ul style="list-style-type: none"><li>• Essential Science</li></ul>
	<b>Elective studies</b> <ul style="list-style-type: none"><li>• Matter in Motion</li><li>• Year 10 Psychology</li><li>• Foundation Science</li></ul>
<b>Year 11</b>	<b>Year 12</b>
<b>Elective studies</b>	<b>Elective studies</b>
<ul style="list-style-type: none"><li>• VCE Biology Unit 1 / 2</li><li>• VCE Chemistry Unit 1 / 2</li><li>• VCE Psychology Unit 1 / 2</li><li>• VCE Physics Unit 1 / 2</li></ul>	<ul style="list-style-type: none"><li>• VCE Biology Unit 3 / 4</li><li>• VCE Chemistry Unit 3 / 4</li><li>• VCE Psychology Unit 3 / 4</li><li>• VCE Physics Unit 3 / 4</li></ul>

## Competitions and activities

The Science Faculty encourages students to “expand their horizons” by participating in a range of activities, these include:



- CREST (Creativity in Science and Technology) Bronze and Silver Awards
- The Melbourne Science and Engineering Challenge (Latrobe University)
- Science Innovations Big Science Competition.
- CSIRO "Scientists in School" Program
- International Competitions and Assessments for Schools (ICAS) conducted by UNSW.
- Year 10 La Trobe University Science Work experience program.

Return to [TABLE OF CONTENTS](#)

# TECHNOLOGY

[Return to TABLE OF CONTENTS](#)

## DIGITAL TECHNOLOGIES

The rapid developments in information and communications technology are having a major influence on virtually all aspects of society. Not only does information technology have the capacity to change how existing tasks and activities are undertaken, but it also creates new opportunities in work, study, recreation and in personal relationships. It is important that students learn to use information and communications technology and learn of its power, scope and limitations. Students need to become innovative in perceiving possible uses of information and communications technology, and to orient themselves towards the future, with an awareness of the implications of the possible uses. Information and Communications Technology courses will equip students with the skills to be able to make use of information and communications technology and make informed choices, at a personal level and within the workplace, on the future developments and directions in this exciting and challenging field.

The overall focus of our courses is on:

- the information and communications technology used to process data into information;
- the processing and management of information to meet a range of purposes;
- the acquisition and application of knowledge and skills in using information and communications technology;
- responding to technological change;
- acquiring and applying knowledge of the characteristics of information and its management;
- developing a critical perspective in the use of information and communications technology in society;
- acquiring and applying skills, techniques and strategies to creatively and methodically solve problems requiring software solutions and/or system change.

The courses themselves have a greater emphasis on one or more of these aspects.

The main emphasis in these courses is on the rapidly developing areas of multimedia and application software. The students will learn to use a variety of industry-standard software and hardware to produce solutions to information and communications problems encountered by individuals and organisations.

Students will undertake a number of projects in each semester. Some of these projects will be research based, whereas others will require students to solve an information problem using the computer as a tool. Some projects will be done individually, whereas others will be done in teams.

The subjects on offer in the Information & Communications Technology Learning Area are:

<b>Year 7</b>	<b>Year 8</b>
<b>Core studies</b>	<b>Elective studies</b>
• Digital Technologies	• Information & Communications Technology
<b>Year 9</b>	<b>Year 10</b>
<b>Elective studies</b>	<b>Elective studies</b>
• The Internet and Web Sites • Computer Game Design	• Multimedia • Software Development
<b>Year 11</b>	<b>Year 12</b>
<b>Elective studies</b>	<b>Elective studies</b>
• VCE Computing Unit 1 / 2	• VCE Software Development Unit 3 / 4

*NB. All offerings in Information & Communications Technology are subject to the availability of specialist teaching staff*

## **DESIGN TECHNOLOGIES**

Technology, Design and Creativity involves students in investigating, designing, producing and evaluating products that provide a solution to a design problem. Students are expected to work creatively by applying their imagination, together with lateral and critical thinking throughout the design processes. Product Design is a vital step in transforming ideas into creative, practical and commercial products. Students use tools, equipment, materials and systems components safely and creatively to make quality products and/or systems. Students learn to evaluate their products and technological systems in relation to environmental, social and economic factors.

### **Food Technology**

Food Technology studies are offered on elective basis from Year 7 through to Year 10 including a secondary option at Year 9 as part of the ExCEL Program. Two streams are offered at VCE level. Students may progress into Food Technology Units 1-4 or VCE VET Certificate II in Kitchen Operations through either the VCE or VCAL pathways, or students may choose to complete both options. It is anticipated that studying Food Technology at VCE level may lead to options in further study in the science field such as Nutrition. Alternatively VET Kitchen Operations studies in VCE or VCAL may lead to opportunities in the Hospitality or Tourism field of employment.

The subjects on offer in the Technology Learning Area are:

<b>Year 7</b>	
<b>Elective studies*</b>	
• Basic Materials, Design & Production	• Basic Food technology
<b>Year 8</b>	
<b>Elective studies*</b>	
<ul style="list-style-type: none"> <li>• Electronics</li> <li>• Materials, Design &amp; Production</li> </ul>	
<b>Year 9</b>	
<b>Elective studies*</b>	
<ul style="list-style-type: none"> <li>• Electronics</li> <li>• Materials, Design &amp; Production</li> </ul>	• Food Technology
<b>Year 10</b>	
<b>Elective studies*</b>	
<ul style="list-style-type: none"> <li>• Materials, Design &amp; Production</li> <li>• Robotics &amp; Control Systems</li> </ul>	• Food Technology
<b>Year 11</b>	<b>Year 12</b>
<b>Elective studies*</b>	<b>Elective studies*</b>
<ul style="list-style-type: none"> <li>• VCE Product Design &amp; Technology Unit 1 / 2</li> <li>• VET Certificate II in Furnishings Unit 1 / 2</li> <li>• VET Certificate III in Catering Operations incorporating Certificate II in Kitchen Operations                             <ul style="list-style-type: none"> <li>• VCE Food Technology 1 / 2</li> </ul> </li> <li>• VET Certificate II in Electrotechnology 1 / 2</li> </ul>	<ul style="list-style-type: none"> <li>• VCE Product Design &amp; Technology Unit 3 / 4</li> <li>• VET Certificate II in Furnishings Unit 3 / 4</li> <li>• VET Certificate III in Catering Operations incorporating Certificate II in Kitchen Operations                             <ul style="list-style-type: none"> <li>• VCE Food Technology 3 / 4</li> </ul> </li> <li>• VET Certificate II in Electrotechnology 3 / 4</li> </ul>

- *NB. All offerings in technology are subject to the availability of specialist teaching staff*

# VICTORIAN CERTIFICATE OF APPLIED LEARNING (VCAL)

Return to [TABLE OF CONTENTS](#)

The Victorian Certificate of Applied Learning (VCAL) is a senior school certificate designed to sit alongside the VCE, providing additional pathways for Years 11 and 12 students seeking vocationally oriented career options such as apprenticeships, traineeships, further education and training or moving on to employment.

Students cannot complete the VCE Certificate while undertaking VCAL.  
Those considering VCAL are:

- Students who are seeking a vocational pathway on completion of school
- Students who learn best where learning is practical, experiential, 'hands-on' or 'applied'
- Students who are less suited to academic learning

VCAL provides students with a more flexible approach to their education and training. It aims to provide the skills, knowledge and attitudes to enable students to make informed choices regarding work and further education. Personal development and the use of individual student interests are important components of the VCAL.

## VCAL Levels

VCAL has 3 levels, Foundation, Intermediate and Senior. Parade offers both the Intermediate Level (at Year 11) and the Senior Level (at Year 12) of VCAL.

The Edmund Rice Pathways program is a pathway **beginning at Year 10 Preston Campus to VCAL only**. Students **will not** be able to choose a VCE program after Pathways. It is an alternative, vocationally orientated program for Year 10 students. Students are able to openly apply for this program. In addition, House Leaders in consultation with a range of interested parties will identify potential students and invite them to apply for a place. The program is limited in its intake.

## VCAL Curriculum Strands

VCAL has 4 strands to ensure balance and state-wide consistency:

- Literacy and numeracy skills
- Industry specific skills (VET Training)
- Work related skills
- Personal development skills

## VCAL Curriculum Selection

### 1. Literacy and Numeracy Skills

Students undertake VCAL-school based units in Literacy and Numeracy in both the Intermediate and Senior VCAL.

### 2. Industry Specific Skills

Students choose from:

VCE VET Certificates offered at Parade College in: Furnishing (Cabinet-Making), Hospitality, Music Industry Skills Sport and Recreation, Building and Construction (Carpentry), Electrotechnology, Plumbing, Building and Construction (Bricklaying) Floor and Wall Tiling, Information and Digital Technology, Business. VCAL requires a minimum 90 nominal hours of VET training. Parade students do considerably more than the minimum.

- External programs other than those listed can be accessed through the Northern Melbourne VET Cluster including Media, Visual Arts, Automotive, Engineering, Community Services,

### **3. Work Related Skills**

Students undertake Work placement and VCAL work related units. Students' part time work can become a recognised part of the VCAL. Students engaged in school based apprenticeships or traineeships have recognition under VCAL.

Students will complete a school based VCAL Work Related Skills at both Intermediate and Senior levels which will specifically prepare students for the world of work. Central to this will be extended work placement within the broad industry of student interest. Both school and students will be involved in a process of being placed in a suitable placement up to 8 weeks over the year.

### **4. Personal Development Skills**

Students undertake Units in Personal Development skills which can include community involvement and community based projects all designed to develop teamwork skills, self-confidence and life skills. Student's own involvement in the community can be recognised e.g. CFA; voluntary work, outside coaching; leadership and involvement in a range of activities can be recognised in the VCAL.

**\* There will be strictly limited places in this certificate. Any student who has any inclination towards directly entering university beyond school should not apply for the VCAL. Pathways and articulation through further education and training beyond school can lead to university entrance. An application process, selection criteria, student interview, parent interview and availability will determine whether you can enrol in the VCAL.**

The Edmund Rice Pathways Program and VCAL take advantage of the excellent facilities both within and nearby the Parade College Preston Campus, while also utilising the Edmund Rice Trade Training Centre at Parade College Bundoora Campus.

## ***VCAL Intermediate***

- Literacy skills (Intermediate)
- Numeracy skills (Intermediate)
- Work related skills (Intermediate)
- Personal development skills (Intermediate)
- Certificate II of Business
- VET Certificate or Industry-specific training

## ***VCAL Senior***

- Literacy skills (Senior)
- Numeracy skills (Senior)
- Work related skills (Senior)
- Personal development skills (Senior)
- Certificate II/III of Business
- VET Certificate or Industry-specific training

Return to [TABLE OF CONTENTS](#)