Learning and Teaching

9. The area of the shaded parallelogram is 180 cm². The height is 12 cm. What is the base of the shaded parallelogram? (not to scale)

The area (cm²) of three squares are:

1. 4.9...
2. 9.9...
3. 16.9...

What is the area of the next square in the pattern?
Overview of The Year 7 & 8 Curriculum

Core Subjects at Year 7 and 8

- Religious Education
- English
- Mathematics
- Science
- Humanities
- Health & PE
- LOTE - French
Overview of 7 & 8 Curriculum

To add breadth to the learning experience the students will also study on a semester basis:

• Music
• Art
• Textiles
• Drama
Overview of 7 & 8 Curriculum

To add breadth to the learning experience the students will also study on a semester basis:

- Information Technology
- Graphic Design
- Food Technology
- Woodwork
Flexible Timetable

- The students will work within a 6 period day
- Each period will be allocated 50 minutes
- Where the need for greater time to engage students in ‘hands on learning’ double periods will be allocated.
- One day a week the students will travel to the McAuley campus to use the woodwork, music and stadium facilities. This occurs in one semester only.
## The Structure of the Day

<table>
<thead>
<tr>
<th>Time</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.02 - 9.10</td>
<td>Homeroom</td>
</tr>
<tr>
<td>9.10 - 10.00</td>
<td>Period One</td>
</tr>
<tr>
<td>10.00 - 10.50</td>
<td>Period Two</td>
</tr>
<tr>
<td>10.50 - 11.10</td>
<td>Recess</td>
</tr>
<tr>
<td>11.10 - 12.00</td>
<td>Period Three</td>
</tr>
<tr>
<td>12.00 - 12.50</td>
<td>Period Four</td>
</tr>
<tr>
<td>12.50 - 1.30</td>
<td>Lunch</td>
</tr>
<tr>
<td>1.30 - 2.20</td>
<td>Period Five</td>
</tr>
<tr>
<td>2.20 - 3.10</td>
<td>Period Six</td>
</tr>
</tbody>
</table>
## A Typical Week

<table>
<thead>
<tr>
<th>WEEK A</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homeroom</td>
<td>Homeroom</td>
<td>McAuley</td>
<td>Homeroom</td>
<td>Homeroom</td>
<td>Homeroom</td>
</tr>
<tr>
<td>Period 1</td>
<td>RE/English/Humanities</td>
<td>Drama</td>
<td>Science</td>
<td>RE/English/Humanities</td>
<td>RE/English/Humanities</td>
</tr>
<tr>
<td>Period 2</td>
<td>RE/English/Humanities</td>
<td>Drama</td>
<td>Science</td>
<td>RE/English/Humanities</td>
<td>RE/English/Humanities</td>
</tr>
<tr>
<td>Recess</td>
<td>Recess</td>
<td>Recess</td>
<td>Recess</td>
<td>Recess</td>
<td>Recess</td>
</tr>
<tr>
<td>Period 3</td>
<td>Mathematics</td>
<td>Woodwork</td>
<td>LOTE</td>
<td>Science</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Period 4</td>
<td>Mathematics</td>
<td>Woodwork</td>
<td>LOTE</td>
<td>Mathematics</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
</tr>
<tr>
<td>Period 5</td>
<td>Art</td>
<td>PE/ Health</td>
<td>Food Technology</td>
<td>RE/English/Humanities</td>
<td>RE/English/Humanities</td>
</tr>
<tr>
<td>Period 6</td>
<td>Art</td>
<td>PE/ Health</td>
<td>Food Technology</td>
<td>RE/English/Humanities</td>
<td>RE/English/Humanities</td>
</tr>
</tbody>
</table>
## A Typical Week

<table>
<thead>
<tr>
<th>WEEK B</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Homeroom</strong></td>
<td>Homeroom</td>
<td>McAuley</td>
<td>Homeroom</td>
<td>Homeroom</td>
<td>Homeroom</td>
</tr>
<tr>
<td><strong>Period 1</strong></td>
<td>Mathematics</td>
<td>PE / Health</td>
<td>RE/English/ Humanities</td>
<td>RE/English/ Humanities</td>
<td>Mathematics</td>
</tr>
<tr>
<td><strong>Period 2</strong></td>
<td>Mathematics</td>
<td>PE / Health</td>
<td>RE/English/ Humanities</td>
<td>RE/English/ Humanities</td>
<td>Pastoral care</td>
</tr>
<tr>
<td><strong>Recess</strong></td>
<td>Recess</td>
<td>Recess</td>
<td>Recess</td>
<td>Recess</td>
<td>Recess</td>
</tr>
<tr>
<td><strong>Period 3</strong></td>
<td>RE/English/ Humanities</td>
<td>Drama</td>
<td>Mathematics</td>
<td>Science</td>
<td>RE/English/ Humanities</td>
</tr>
<tr>
<td><strong>Period 4</strong></td>
<td>RE/English/ Humanities</td>
<td>Drama</td>
<td>Science</td>
<td>Science</td>
<td>RE/English/ Humanities</td>
</tr>
<tr>
<td><strong>Lunch</strong></td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
</tr>
<tr>
<td><strong>Period 5</strong></td>
<td>Food Technology</td>
<td>Woodwork</td>
<td>RE/English/ Humanities</td>
<td>Art</td>
<td>LOTE</td>
</tr>
<tr>
<td><strong>Period 6</strong></td>
<td>Food Technology</td>
<td>Woodwork</td>
<td>RE/English/ Humanities</td>
<td>Art</td>
<td>PE / Health</td>
</tr>
</tbody>
</table>
Learning Spaces

- The facilities provide larger working spaces for the students to work together and build a stronger learning community.
- ICT will be integrated within the curriculum as well as taught as a stand alone subject.
- Students have access to a well equipped library for research and study.
- Modern Science facilities.
- Creative room for Art and Design.
Year Nine and Ten Curriculum

• Mercy recognises these are important years for student learning and development and provide programs which are both stimulating and challenging

• The students will study Core subjects however students are offered elective programs to provide flexibility of choice and opportunities for a broad range of learning experiences
Year Nine and Ten Curriculum

- Year Tens are given the opportunity to study a VCE or VET Unit to gain early access to senior qualifications
- Personal Development including Career Planning, Financial Literacy, Responsible Decision Making takes place at Year Nine
- All students participate in work experience at Year Ten
The Year 9 and 10 structure is based on Developing Pathways for our students.

**Core Subjects at Year Nine**
- Religious Education
- English
- Maths
- Science
- Health & Phys ED
- Humanities
- Personal Development
The Year 9 and 10 structure is based on Developing Pathways for our students.

**Electives (2 per semester)**
- Information Technology
- Media Studies
- Woodwork
- Art
- Graphic Design
- Textiles
- Food Technology
- Music
- Drama
- Agricultural Studies
Year Ten Structure

The Year 9 and 10 structure is based on Developing pathways for our students.

Core Subjects at Year Ten
Religious Education
English
Maths
Science
Health & Phys ED
The Year 9 and 10 structure is based on Developing pathways for our students.

<table>
<thead>
<tr>
<th>Electives (study 2 a semester)</th>
<th>VCE Electives (1 a semester)</th>
<th>VET Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information Technology</td>
<td>Food Technology</td>
<td>VET Hospitality</td>
</tr>
<tr>
<td>Art Photography</td>
<td>Woodwork</td>
<td>VET Building &amp; Construction</td>
</tr>
<tr>
<td>Art</td>
<td>Music</td>
<td></td>
</tr>
<tr>
<td>Graphic Design</td>
<td>Drama</td>
<td></td>
</tr>
<tr>
<td>Textiles</td>
<td></td>
<td>ASBA</td>
</tr>
<tr>
<td>Agricultural Studies</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
VCE

- VCE Program at Mercy Regional College offers a wide range of subject choices.

- The VCE program can be accessed early in Year ten to enable our students to advance their studies and give them a taste of the learning expectations and demands of VCE courses.

- Each student at Year 12 is currently assigned a teacher mentor to support student learning.

- Our parents are sent a five weekly report to enable them to closely monitor their child's progress.
VCE Subjects currently offered at Mercy

- Biology
- Maths Methods
- Specialist Maths
- Outdoor Education
- Ag/Horticulture
- Studio Arts
- Accounting
- General Maths
- Chemistry
- English
- Psychology
- Religion
- Physical Ed
- Business Management
- Visual Communication & Design
- Information Technology
- Design & Technology
- Revolutions
- Food Technology
- Literature
VET Programs

• Students are given the opportunity to participate in VET or Australian School based Apprenticeship Program from Year Ten
• Individualized Learning Programs are developed to accommodate their pathway
• Over 30% of the current Year 10 and 11 Cohort participate in this program.
• We currently offer Certificate II Hospitality and Building and Construction at school, whilst other courses have been outsourced.
• Several of our students have won the Vocational Education Prize
VET / ASBA Programs currently supported by Mercy
The Victorian Certificate of Applied Learning is an alternative pathway from Year Ten. The VCAL gives you practical work-related experience, as well as literacy and numeracy skills and the opportunity to build personal skills that are important for life and work. Like the Victorian Certificate of Education (VCE), VCAL is an accredited secondary certificate.

It provides four main focus areas: Literacy & Numeracy, Work Related Skills, Industry Specific Skills (VET) and Personal Development

**Who is VCAL for?**

Students seeking a vocational pathway on completion of school:

- Further education & training (TAFE)
- Employment
- Apprenticeships/Traineeships
- Student who learn best with ‘hands on’ learning
Where are our students now?

- The mean study score for students completing VCE was above the state average
- 9 students received an ENTER above 90 in 2009
- 98% of our students who applied for TAFE or University received offers in 2010
- 10% of our students took up fulltime apprenticeships and traineeships after completing VCAL or VET certificates
What other opportunities support student learning?

**Spiritual**

- College Masses
- Pastoral Care
- Retreat Programs
- Liturgies
- Social Justice
What other opportunities support student learning?

**Sporting**
- Athletics
- Swimming
- Football
- Cycling
- Netball
- Shooting
- Basketball
- Cross Country
What other opportunities support student learning?

Community
- Community Visiting
- Work Experience
- Work Placement
- Anzac Day
- VCAL projects
What other opportunities support student learning?

Cultural
• Choir
• Instrumental Program
• Art/Design Exhibition
• Presentation Ball
• Drama and Music Concerts
What other opportunities support student learning?

**Academic**
- Debating
- Public Speaking
- Speech Choir
- Science Quest
- Mathematics Challenge
- Australian Mathematics/English/Science Competition
- Spirit of Anzac
- Excursions and Camps