

YEAR 8 ELECTIVE BOOKLET



2019

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Year 8 Elective Program

St. Mary of the Angels is pleased to present the Year 8 Elective booklet. This booklet contains descriptions of the exciting, challenging and many and varied elective studies offered to our students.

Students in Year 8 complete two electives per semester from within The Arts and Technology areas. Each elective runs for six months in duration.

Students are not permitted to select or study the same elective twice, over the two semesters.

Selecting Units

When students are selecting electives they should read the unit description carefully, talk to their teachers, other students and parents.

They also need to think about:

- What they enjoy doing
- Consider what options they would like to explore to develop future interests and skills.

Students at this level are encouraged to treat these electives as a way of trying out different offerings with the aim of:

- Expanding knowledge
- Exploring what may lead to future interests and pathways
- Moving out of their comfort zone

There are many advantages at this stage of learning to encourage the exploration of a breadth of studies.

This means trying out subjects from both The Arts and Technology learning areas. Some of these benefits include:

- Developing a full capacity for different types of thinking and learning
- A chance to develop a broader range of skills and experience
- An opportunity to discover hidden talents
- Developing an appreciation for a wide variety of subject areas and what is required
- Expanding academic horizons
- Enhancing flexibility to take on the many challenges of the 21st Century global environment
- Extending and supporting existing and future passions

Timeline

All students are asked to return the completed form by **Friday 9th November, 2018**

Students and families should be aware that subject selection returns that are late, incomplete or incorrectly filled in may not be considered when subject blockings are formulated.

Front Cover:

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Correct at time of publishing. Subject to change.

Year 8 Art

Course Description

In this unit students will explore a variety of artists in the context of their times and their art movement, leading to the production of the students' own works. Ideas, opinions and a variety of media will be experienced, including painting, pastel, charcoal, printmaking, graphites and potentially some 3Dimensional media. Students will also research the artists studied and discuss as well as present analytical written work focusing on the artists' approach and artwork.

Links, Learning & Pathways

Links to Vic Curriculum; Arts level 8

Links to VCE; Art, Studio Arts, Visual Communication and Design

Vocational Pathways

Web designer, Teacher- Primary or Secondary, Stage designer, Artist, Jeweller, Sign Writer, Advertising, Beauty Therapist, Wood Turner, Town Planner, Vehicle Painter, Fashion Coordinator, Costume Maker, Cartoonist, Photographer, Desktop Publisher, Occupational Therapist, Offset Printer, Picture Framer, Interior Designer.

Personal enrichment

Artistic outlet, improve skills and knowledge about art and techniques, being creative and exploring different ideas.

Special Requirements

Materials are provided by the College

Year 8 Ceramics

Course Description

This subject will enable students to explore and develop their skills and creativity in clay: constructing, firing and decorating functional and non-functional artworks will be the focus. They will develop competence in their technical understanding and manipulation of ceramic materials. Students will work through a series of projects and tasks during the semester.

Links, Learning & Pathways

Links to Vic Curriculum; Arts level 8

Links to VCE; Art, Studio Arts

Vocational Pathways

Careers in Ceramics, Cake Decoration, Craftsperson, Wall Tiler, Teacher - Primary or Secondary, Potter, Glass Craftsperson

Personal enrichment

Artistic outlet, improve skills and knowledge about ceramics and techniques, being creative and exploring different ideas.

Special Requirements

Materials are provided by the College.

Year 8 Dance

Course Description:

Students begin to develop their choreographic intent by applying the elements of dance to select and organise movement and structure group dances using choreographic devices. Students also continue to practise and refine technical and expressive skills in style-specific techniques. Students are able to analyse how choreographers use elements of dance and production elements to communicate intent. Students begin to explore specific features of dance from different times and locations to explore differing viewpoints and enrich their dance making.

Links, Learning & Pathways

- Develop skills in dance performance and creative thinking
- Learn to be an effective member of a group during rehearsals
- Develop rhythm and movement skills through dance
- Learn basic dance theory
- Recommended for school production
- Links to Victorian Curriculum Year 7/8 Achievement Standards for Dance

Year 8 Drama

Course Description

The study of Drama focuses on the creation and performance of characters and stories. Students draw on a range of play-making techniques to develop and present their work. Students also respond and explore stimulus material. Students explore conventions of Improvisation, Commedia dell'Arte, and other European performance styles to present devised work. Students will combine these skills to create an ensemble performance. Students will create characters through the development of expressive skills.

Links, Learning & Pathways

- This elective is not just for those who enjoy acting. It is also for those who enjoy creating things and watching ideas come to life on stage. Those interested in theatre technologies may also be inspired.
- Learning to be an effective member of a group during rehearsals and interacting in a constructive manner with others to achieve a desired goal is an important skill that is transferable to many situations.
- Students who are considering a pathway in any of the Arts areas may find this subject beneficial.
- Direct link to VCE Drama and Italian Studies

Year 8 Drawing

Course Description

In this subject students will develop their own skills, while exploring techniques and application through drawing media. Much of the focus will be on the actual drawing of various subject-matter, as well as exploring artists' techniques through history.

Links, Learning & Pathways

Links to Vic Curriculum; Arts level 8 and 9

Links to VCE; Art, Studio Arts, Visual Communication and Design

Vocational Pathways

Animator, Architect, Teacher- Primary or Secondary, Draftsperson, Stage Designer, Artist, Jeweller, Sign Writer, Engraver, Beauty Therapist, Cartographer, Wood Turner, Town Planner, Vehicle Painter, Fashion Coordinator, Costume Maker, Cartoonist, Photographer, Desktop Publisher, Occupational Therapist, Picture Framer, Web designer

Personal enrichment

Artistic outlet, improve skills and knowledge about art and drawing, being creative and exploring different ideas.

Special Requirements

The costs and materials are covered by the school. A5 or similar homework sketchbook to be supplied by the student.

Year 8 Music - Rock Band

Course Description

Students participate in the Music Futures program where they will have an introduction to drums, keyboards, guitar, bass guitar, ukulele and vocals. Students create, rehearse, improvise and perform music in groups. Students will learn terminology and symbols to recognise, describe and notate music. Students will evaluate musical choices they and others have made, analyse and manipulate the elements of music and study performers and composers from different cultures, times and locations.

Links, Learning & Pathways

- Develop skills in music performance and creative thinking
- Learn to be an effective member of a group during rehearsals
- Develop musicianship skills on a number of instruments
- Learn basic music theory
- Recommended for school band and vocal ensemble members
- Links to Victorian Curriculum Year 7/8 Achievement Standards for Music

Year 8 Music - The Voice

Course Description

This music subject has a specific focus on singing. Students will develop vocal technique and skills to rehearse, improvise and perform songs in groups and independently. Students will learn terminology and symbols to recognise, describe and notate music. Students will evaluate musical choices they and others have made, analyse and manipulate the elements of music and study performers and composers from different cultures, times and locations.

Links, Learning & Pathways

- Develop skills in music performance and creative thinking
- Learn to be an effective member of a group during rehearsals
- Develop musicianship through singing
- Learn basic music theory
- Recommended for school production and vocal ensemble members
- Links to Victorian Curriculum Year 7/8 Achievement Standards for Music

Year 8 Painting

Course Description:

In this elective, students will have the opportunity to explore a variety of media to produce painted works that relate to developing their skills and knowledge of techniques. Through exploration of painters from history and contemporary settings, students will produce paintings that relate to themes and concepts. A focus on planning and developmental techniques, as well as some analytical written work will be included in the study.

Links, Learning & Pathways:

Links to Vic Curriculum: Arts level 8

Links to VCE: Art, Studio Arts.

Vocational Pathways:

Teacher – Primary or Secondary, Artist, Interior Decorator, Stage Design, Theatrical Set Constructor, Animator, Painter and Decorator, Conservator, Cultural Heritage Officer, Valuer, Textile Designer, Illustrator, Body Artist, Florist, Sign Maker, Screen Printer/Stencil Preparer.

Personal enrichment:

Artistic outlet, improve skills and knowledge about art and techniques, exploring artists from different times, being creative and exploring different materials.

Year 8 Sculpture

Course Description

In this elective students will have the opportunity to explore a variety of media from the following: clay, paper mache, modroc/plaster in combination with other sculptural materials. Students will also experience and appreciate practicing artists' methods of application and procedures in order to develop their own ideas and completed pieces.

Links, Learning & Pathways

Links to Vic Curriculum; Arts level 8 and 9

Links to VCE; Art, Studio Arts,

Vocational Pathways

Cake Decorator, Teacher- Primary or Secondary, Sculptor, Costume Maker, Occupational Therapist, Picture Framer, Town Planner, Museum Curator, Toy Maker, Model Maker, Art Gallery Technician, Florist, Craft Instructor, Theatrical Set Constructor.

Personal enrichment

Artistic outlet, improve skills and knowledge about art and techniques, being creative and exploring different ideas.

Special Requirements

materials are provided by the College.

Year 8 Computer Aided Drawing & Manufacturing

Course Description

Students will have the opportunity to use a C.A.D. (Computer Aided Design) program to design their project and then send the design to a laser cutter, 3D printer or CNC Router to have the machine cut and shape their project. Students learn a range of valuable mechanical skills such as visualisation of ideas, C.A.D., design validation, data management skills, project assembly, drawings and assessing finished projects.

Links, Learning & Pathways

Links to Vic Curriculum; Technology (Level 8&9)

Links to VCE; Design and Technology - Wood, Systems, Metal and ICT

Vocational Pathways; Careers in Design, Engineering, Cabinet making, Medical Manufacturing and Industrial design

Personal enrichment

Skills in design, and Modern manufacturing

Special Requirements

USB mouse and USB drive

Year 8 Designing Plastic

Course Description

In this subject students will develop both practical and design skills as well as get an appreciation for the properties of materials by creating a folio and manufacturing a practical product. Students will have access to a range of plastic materials and an increased range of processes such as CNC Laser cutting and Vacuum forming. The design process will include creation of a design brief, evaluation planning, design creation and primary and secondary research for the production including an awareness of sustainability.

Links, Learning & Pathways

Links to Vic Curriculum/VCE: Vocational Pathways; personal enrichment:

Links to Vic Curriculum: Technology (Level 8&9)

Links to VCE: Design and Technology - Wood, Systems, Metal,

Vocational Pathways: Careers in Design, Engineering, Industrial design

Personal enrichment: Skills in design, and plastic manufacturing

Year 8 Computers

Course Description

This unit engages students in a working appreciation of the various applications available on the Macbook computer.

The course will focus on developing each students' skills so that they will be able to use computers effectively during their senior years of study.

Area of Study

Students present work using a variety of applications. They will be given the opportunity to improve their keyboard technique.

Students will explore: Creating Web pages, Simple programming, Creating movies, Creating games, Repairing hardware and software faults.

Links, Learning & Pathways

- Information and Communications Technology
- Thinking
- Personal Learning
- Design, Creativity and Technology

Year 8 Design & Create Outdoor Living

Course Description

During Design and Create Outdoor Living (DCOL) students study outdoor living. There is a large emphasis for students to discover what they like in Outdoor Living. Students study the design cycle and its specific steps to come up with multiple designs to satisfy a Design Brief. Students are expected to work in teams, working together on one large project at school. The students have to design and then build an interesting garden which reflects their tastes in Outdoor Living. Individually, students are required to design or re-design an outdoor living space at their own home. This is a design task only and students are not required to build this hypothetical space.

Links, Learning & Pathways

- Links to Vic Curriculum/VCE; Vocational Pathways; personal enrichment:
- VCE Pathway Agriculture and Horticulture
- Possibly lead into VET Horticulture Landscape

Learning focuses of DCOL

Individually and collaboratively, they apply imaginative and innovative strategies to develop creative design options, including those that are not immediately obvious, and plans for production.

Students develop greater spatial awareness, are encouraged to think flexibly, and represent their ideas using two- and three-dimensional hand- and computer assisted drawing and modelling techniques including the use of appropriate technical language.

Concentrating on the aesthetic, functional features and/or performance of the garden, students consider how it could be improved, and compare it to other similar products. They discuss and develop evaluation criteria to analyse and evaluate their completed garden and consider the social and environmental impacts of their own and others products

Special Requirements

An old change of clothes while doing construction practical classes.

Year 8 Introductory Fabric & Fashion

Course Description

The aim of this unit is to extend a student's knowledge and understanding of various textile materials and construction techniques as a way of developing creativity and innovation. Students will study the components of the design process and learn to prepare projects by investigating, generating, producing, evaluating and managing tasks using a range of materials and techniques. Historical, sustainable and artistic exploration will also be an integral part of this unit, as a basis for imagination, inspiration and understanding of work materials.

Links, Learning & Pathways

- Links to Vic Curriculum – Technologies (Design and Technologies) Level 7 & 8
- Links to VCE – Design and Technology (Textiles)
- Vocational Pathways – Careers in Design/Textiles/Fashion
- Personal enrichment – Skills in pattern design/interpretation and sewing skills

Special Requirements

Students will purchase a selection of materials from which their Sampler Quilt will be developed. All other requirements will be provided by the school.

Year 8 Creative Foods

Course Description

This elective is designed to give students the opportunity to investigate a variety of foods and recipes. Students will learn to plan, design, produce and evaluate in their own creative foods assessment tasks. Students devise work plans which detail the materials to be used and the tools and processes to be adopted. During weekly production activities students are encouraged to demonstrate independent and safe work practices. Their evaluation reports discuss the effectiveness of the products and suggest ways of improving or modifying the designs.

Links, Learning & Pathways

- If you are interested in being in the Hospitality as a career, this is a good taster for you to try.
- Students who are interested in food and have basic kitchen skills would benefit with this elective.
- Year 9 Ready Steady Cook and Good Food Fast are pathways to follow.

Year 8 Horticulture & Sustainability

Course Description

Students will explore the different ways Horticulture can have an impact on environment and our way of life, with a particular focus on what is occurring locally. Students learn about the following techniques: Hydroponics, Aquaponics, Aquaculture, Turf Maintenance, Orchid Growing, Worm Farming as well as composting. All of these techniques have the underpinning emphasis on sustainability and resource saving techniques.

In selecting this elective students will:

- Students individually and in teams, develop innovative solutions in design and technology contexts
- Students develop greater spatial awareness, are encouraged to think flexibly, and represent their ideas using two- and three-dimensional hand- and computer assisted drawing and modelling techniques including the use of appropriate technical language. They will explore the properties and characteristics of materials, and carry out tests to determine their suitability for intended products. Student make basic automated irrigation systems; and energy sources (renewable and non-renewable)
- They trial and make products and systems based on their design concepts, justifying changes in their thinking as they design, develop and evaluate products and systems. This involves the use of tools, equipment machines and materials/ingredients safety.

Links, Learning & Pathways

- VCE Horticulture and Agriculture
- VET Horticulture

Year 8 Metal

Course Description

This subject gives students an introduction to the material of metal and its many forms and characteristics. Students are encouraged to incorporate other materials including wood and plastics in their designs. Students will be instructed in the use of tools and machines and will be required to develop safe workshop practices and a strong work ethic.

Links, Learning & Pathways

- Links to Vic Curriculum: Technology (Level 8)
- Links to VCE; Design and Technology: Metal and Systems
- Vocational Pathways: Careers in Design, Engineering, Manufacturing
- Personal enrichment: Skills in design, machining, welding

Special Requirements

USB mouse and USB drive

Year 8 Painting

Course Description

In this elective, students will have the opportunity to explore a variety of media to produce painted works that relate to developing their skills and knowledge of techniques. Through exploration of painters from history and contemporary settings, students will produce paintings that relate to themes and concepts. A focus on planning and developmental techniques, as well as some analytical written work will be included in the study.

Links, Learning & Pathways

- Links to Vic Curriculum: Arts level 8
- Links to VCE: Art, Studio Arts.

Vocational Pathways:

Teacher – Primary or Secondary, Artist, Interior Decorator, Stage Design, Theatrical Set Constructor, Animator, Painter and Decorator, Conservator, Cultural Heritage Officer, Valuer, Textile Designer, Illustrator, Body Artist, Florist, Sign Maker, Screen Printer/Stencil Preparer.

Year 8 Patchwork - Sampler Quilt

Course Description

The aim of this unit is to extend a student's knowledge and understanding of various textile materials and construction techniques as a way of developing creativity and innovation. Students will study the components of the design process and learn to prepare projects by investigating, generating, producing, evaluating and managing tasks using a range of materials and techniques. Historical, sustainable and artistic exploration will also be an integral part of this unit, as a basis for imagination, inspiration and understanding of work materials.

Links, Learning & Pathways

- Links to Vic Curriculum – Technologies (Design and Technologies) Level 8
- Links to VCE – Design and Technology (Textiles)
- Vocational Pathways – Careers in Design/Textiles/Fashion
- Personal enrichment – Skills in pattern design/interpretation and sewing skills.

Special Requirements

Students will purchase a selection of materials from which their Sampler Quilt will be developed. All other requirements will be provided by the school.

Year 8 Robotics and Electronics

Course Description

Learners are encouraged to experiment with circuits and components in a structured manner, building up a library of knowledge about electronic circuits that perform different functions. Learners use a range of testing and prototyping techniques to build and test circuits, culminating in building small circuits from existing designs and a follow the line robot.

Links, Learning & Pathways

Students begin to use new tools such as programming languages and modelling software to represent and explore processes. Students develop skills in using ICT systems for controlling events in a predetermined way by writing programs that, for example, control a robot, or respond to environmental changes captured by sensors.

VCE: Physics, Systems Engineering, Information Technology

Pathways: Engineering degrees and apprenticeships, Digital technologies

Year 8 Small Engines

Course Description

Students will use investigation and practical skills to learn about the operating principles and systems of Two and Four Stroke Internal Combustion Engines. Students will dismantle and reassemble and then run a Single Cylinder Four Stroke Engine. Alternative engine technologies and fuel sources will also be investigated.

Links, Learning & Pathways

- This subject will appeal to you if you are interested in fixing things, working with your hands and finding out how things work.
- Links to VCE: Design and Technology, Systems Engineering VET Automotive, VET Engineering
- Vocational Pathways: Automotive Maintenance Career, Maintenance Careers, Engineering,
- Personal enrichment: Improve skills and knowledge about mechanical concepts, improving solving skills and following processes.

Year 8 It's a Wrap

Course Description

This elective allows students to explore through investigation, how to design and develop a variety of dishes. Students will use a selection of local, international foods while researching recipes from Europe, Asia and Australia. The students are encouraged to use their own imagination with the planning and production taking into consideration the nutritional value as well as the presentation of their food.

Links, Learning & Pathways

- If you are interested in being in the Hospitality as a career, this is a good taster for you to try.
- Students who are interested in food and have basic kitchen skills would benefit with this elective.
- Year 9 Ready Steady Cook and Good Food Fast are pathways to follow.

Year 8 Creating With Wood

Course Description

In this subject students will design and then produce articles made from timber. The Emphasis will be on developing hand skills as well as broadening their knowledge of the design process for products, timber, production techniques and high quality finishing. The design process will include the creation of a design folio, which will document the conceptualizing, researching, designing and the planning to build, of the product.

Links, Learning & Pathways

- Links to Vic Curriculum: Technology (Level 8)
- Links to VCE; Design and Technology: - Wood and Systems
- Vocational Pathways: Careers in Design, Building, Cabinet making and Manufacturing

Personal enrichment

Skills in design and furniture making

Special Requirements

USB mouse and USB drive

Year 8 - Elective Selections 2019

St Mary of the Angels Secondary College Year 8 Elective Selection Sheet

Students in Years 8 need to select a total of 10 subjects from the list below. These selections need to be numbered in order of preference with 1 being the most preferred and 10 being the least preferred.

Students are encouraged to select electives from both The Arts and Technology and must include a minimum of one Technology and one Art subject. Students who select their subjects from only one domain will be encouraged to broaden their selection.

The Arts	
Art	
Ceramics	
Dance	
Drama	
Drawing	
Music - Rock Band	
Music - The Voice	
Painting	
Sculpture	

Technology	
Computer Aided Drawing & Manufacture	
Designing Plastic	
Computers	
Design & Create Outdoor Living	
Introductory Fabric & Fashion	
Creative Foods	
Horticulture & Sustainability	
Metal	
Painting	
Patchwork - Sampler Quilt	
Robotics and Electronics	
Small Engines	
It's a Wrap	
Creating With Wood	

Student's Name: _____ Current Year: _____

Parent/Guardian's signature _____

Signed and completed forms are to be returned to the College office by **Friday 9th November, 2018**





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