PATTERSON RIVER
SECONDARY COLLEGE

YEAR 8
HANDBOOK 2021

PERSISTENCE · EXCELLENCE · COMMUNITY · RESPECT

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2021 YEAR 8 COURSE OUTLINE

In 2021, students in Year 8 will study the following year long subjects:

- English
- Mathematics
- Science
- Humanities (History and Geography)
- PE
- Language (German or Learning Support)
- Learning for Now (Pastoral Care)
- Visual Arts (ceramics, print making, drawing textiles and visual communication)
- Design Technology (wood, metal and plastics)

They will also study the following Semester long subjects:

- Digital Technology
- Drama
- Food and Nutrition
- Music

Students are to select a further 2 elective subjects for the year, 1 elective unit per semester. Each of these electives runs for 2 periods a week.

Elective Charges / Essential Education Items: Under government regulations, the College can allocate charges against units of study that use high cost materials. **These charges must be paid by 30 October, 2020.** Non-payment may result in a student being reallocated to non-cost electives.

Course Code	Subject	Units
Art		
8VART	Individualised Project Art	1
Design Technology		
8TIMBER	Make it with Timber	1
8METAL	Retro Metal	1
8ROBOT	Robot Challenge	1
Digital Technologies		
8CODE	Coding and Game Development	1
8ITG	IT for Girls	1
English		
8BOOK	Bookmaking and Illustration	1
8WRITING	Creative Writing	1
Food Technology		
8CHEF	MasterChef	1
8GIFTS	Edible Gifts	1
Performing Arts		
8STARS	Rising Stars	1
Physical Education		
8PEX	EXCEL Sport (selected students) (this elective runs for both semesters)	2
8PSPT	Passport Sport	1
8SPORT	Sports & Recreation	1
Science		
8GREEN	Green Team	1
8HORT	Introduction to Horticulture	1

ART

INDIVIDUALISED PROJECT ART (8VART)

MATERIALS CHARGE	$20.00
DESCRIPTION	IP Art will allow students to engage with individual explorations and undertake a major project. Each student will be given a framework to underpin a personal investigation and art project. They will develop your skills by engaging in the art process, analysing and evaluating influences and the artworks of others from different times and places and applying skill to create their own artworks. They will devise a work plan and establish a process of enquiry in a statement of intention. Students will then research, explore, develop, refine, reflect and evaluate your project. At the end of each semester the class will have an exhibition of the work completed by all students. If you love Art and want the opportunity to pursue and develop your own ideas into art works, this is the subject for you.
COURSE ASSESSMENT	Practical assessment
LINKS TO VCE	Art and Studio Art

DESIGN TECHNOLOGY

MAKE IT WITH TIMBER (8WOOD)

MATERIALS CHARGE	$30.00
DESCRIPTION	The focus of this elective is traditional woodwork skills and learning to work with the characteristics of timber. Limited time will be spent on the design process. Students will produce a laminated serving platter and a wall mounted coat rack. The laser cutter, vinyl and paint can be used to add decoration to the products.
COURSE ASSESSMENT	Safe use of tools and machinery, correct and efficient use of equipment, understanding of material characteristics, successful completion of projects
LINKS TO VCE	Product Design and Technology

RETRO METAL (8METAL)

MATERIALS CHARGE	$30.00
DESCRIPTION	The focus of this elective is traditional metalwork skills and learning to work with the characteristics of non-ferrous metals. Limited time will be spent on the design process. Students will produce an enamelled copper bowl and a silver soldered ring. The ring project can be extended by adding resin, stamping texture or working with its shape.
COURSE ASSESSMENT	Safe use of tools and machinery, correct and efficient use of equipment, understanding of material characteristics, successful completion of projects.
LINKS TO VCE	Product Design and Technology

ROBOT CHALLENGE (8ROBOT)

MATERIALS CHARGE	$50.00
DESCRIPTION	Students will have two coding challenges in this elective through the design, building and programing of a robot using LEGO EV3 Mindstorms. The challenges are to create the robot that completes the set task the fastest or most efficiently. Students will develop skills related to forces, motion, electricity, construction and coding. Students will also have coding and flying challenges with the Mambo Drone fleet. Mambo Mini Drones are used to navigate a series of obstacles and courses.
COURSE ASSESSMENT	Design of the robot, successful completion of challenges
LINKS TO VCE	Systems Engineering

DIGITAL TECHNOLOGIES

CODING AND GAME DEVELOPMENT (8CODE)

MATERIALS CHARGE	Nil
DESCRIPTION	An introduction to coding and game development. Experience coding languages such as Python, Ruby and Javascript. Learn game development using Gamemaker. Design and create your own games.
COURSE ASSESSMENT	Coding task – My many codes Development task – My idea, my game
LINKS TO VCE	Year 11 Computing; Year 12 Data Analytics, Year 12 Software Development

IT FOR GIRLS (8ITG)

MATERIALS CHARGE	Nil
DESCRIPTION	A girls' only class for those wanting to learn about how to be a successful in IT. Learn how to start your own e-commerce store, develop online safety skills and create stunning electronic media.
COURSE ASSESSMENT	Research task Development task
LINKS TO VCE	Year 11 Computing; Year 12 Data Analytics, Year 12 Software Development

ENGLISH

BOOK MAKING AND ILLUSTRATION (8BOOK)

MATERIALS CHARGE	Nil
DESCRIPTION	Are you a budding author or artist – or maybe both? This elective will give you a great opportunity to create a literary work complete with illustrations. Improve your writing and creative talents in this unit. Perhaps this could be your first step towards creating a literary masterpiece!
COURSE ASSESSMENT	Comic book creation, picture story book creation
LINKS TO VCE	English

CREATIVE WRITING (8WRITING)

MATERIALS CHARGE	Nil
DESCRIPTION	Are you a budding author? Do you want to have your name on the cover of a book? Or do you just like the written word? Well then, this is the subject for you! You will be guided through the processes needed to write and publish your own narrative.
COURSE ASSESSMENT	Journal writing, contribution to Chapbook
LINKS TO VCE	English

FOOD TECHNOLOGY

EDIBLE GIFTS (8GIFTS)

MATERIALS CHARGE	$40.00
PRE-REQUISITES	Year 7 Food Studies
DESCRIPTION	You will learn techniques in food preservation which naturally leads to making food products that are suitable to give as gifts. Techniques will include sugar confectionery, chocolate confectionery, baking (eg. cookies, decorated/iced cakes), jams, pickles and marmalades. Labelling and packaging of food products will be explored.
COURSE ASSESSMENT	Edible gift design and preparation, packaging and labelling of food task
LINKS TO VCE	Food Studies, Health and Human Development, VET Hospitality

MASTERCHEF (8CHEF)

MATERIALS CHARGE $40.00

PRE-REQUISITES Year 7 Food Studies

DESCRIPTION This elective will encourage and extend your basic cookery skills in a fun, competitive and team building environment. Inspired by the Masterchef TV series students will learn basic skills and then be given challenges such as; Mystery Box, Invention Test, Team cook-offs, and more.

COURSE ASSESSMENT Mystery box design task, presentation of food task

LINKS TO VCE Food Studies, Health and Human Development, VET Hospitality

PERFORMING ARTS

RISING STARS (8STARS)

MATERIALS CHARGE Nil

DESCRIPTION Whether you love to act, dance, sing, play a musical instrument, create set, design costumes or just have a love for the theatre, 'Rising Stars' offers you the opportunity to explore, create and perform your own Cabaret in front of a live audience. Either as a solo act or group you brainstorm ideas, create your own performances, work with stagecraft elements in order to produce a unique Cabaret show. The performances are based around a theme of your own choosing and the PAC provides lights, sound, special effects and more to truly dazzle your audience. No prior experience is needed, just a passion and enthusiasm for performing.

COURSE ASSESSMENT Rehearsal process, performance and journal

LINKS TO VCE Theatre Studies, Dance and Music

PHYSICAL EDUCATION

EXCEL SPORT (8PEX)

MATERIALS CHARGE $300.00

PRE-REQUISITES Participation in the Year 7 EXCEL Sport Program/recommendation from current PE teacher

DESCRIPTION This course is a continuation of the EXCEL Sport program offered at Year 7. It is a select entry program that offers the current EXCEL Sport students the opportunity to further enhance their individual sporting aspirations. The students will explore individual training programs, fitness testing, talent identification, sports coaching, video analysis techniques and technology in sport. This program will extend students' abilities in a range of sports and individual pursuits.

Please note that EXCEL Sport will run for both Semesters 1 and 2.

COURSE ASSESSMENT Participation and practical CATs

LINKS TO VCE Physical Education

PASSPORT SPORT (8PSPT)

MATERIALS CHARGE Nil

DESCRIPTION Students will participate in team sports from around the world. Such a Ultimate Frisbee, Quidditch, Gaelic Football, Grid Iron, Spike ball.

COURSE ASSESSMENT Participation and practical CATs

LINKS TO VCE Physical Education

SPORTS AND RECREATION (8SPORT)

MATERIALS CHARGE $40.00

DESCRIPTION Participate in a variety of sport and recreational pursuits, including tennis, squash, ten pin bowling, bocce, lawn bowls, mini golf, golf, pool swimming and rock climbing. You will also participate in traditional in-house sports and develop individual skills through drills, match practice, organisation of tournaments and examination of rules and tactics.

COURSE ASSESSMENT Participation and practical CATs

LINKS TO VCE VCE Physical Education

SCIENCE

INTRODUCTION TO HORTICULTURE (8HORT)

MATERIALS CHARGE	$20.00
DESCRIPTION	Like to get your hands dirty? Or do you just have a love of nature? Well horticulture is for you. Learn how to plant, grow and look after a range of plants including vegetables, fruit and indigenous local plants. This is a practical subject where you will learn with hands on experience.
COURSE ASSESSMENT	Hands on practical activities, practical reports
LINKS TO VCE	Biology and Outdoor and Environmental Studies

GREEN TEAM (8GREEN)

MATERIALS CHARGE	$20.00
DESCRIPTION	Work through improving the sustainability at the school by working on the Resource Smart modules of Water, Waste, Bio-Diversity and Electricity. In small groups, focus on projects of your choosing and work collaboratively to successfully complete of your projects.
COURSE ASSESSMENT	Hands on practical activities, practical reports
LINKS TO VCE	Biology, Outdoor and Environmental Studies and Geography