

# 2018 CURRICULUM ELECTIVES PROGRAM

## SHAPING OUR EDUCATION



### SEEK

- *attempt or desire to obtain or achieve (something):*

## TERM ONE ELECTIVES YEARS 7 to 10 WEDNESDAYS

The program is designed to broaden the students' learning within and beyond the curriculum providing opportunity for interdisciplinary experiences. It offers possibility to challenge, extend or deepen their knowledge in a particular area of study or ignite a passion for a particular general interest. Staff, parents, past students and expertise outside of the immediate school community can offer a subject about which they are passionate and offer specialist knowledge.

Each term students are able to choose between a wide variety of subjects including the arts, science, technology, construction and sport. As part of our Careers program, all Year 10 students are required to participate in a careers subject in either Term 2 or Term 3. The Electives Program fosters Preshil's enduring commitment to: making, choosing, building, playmaking and performing as described in the Preshil 'Courage' book.

The cost of the Electives program is included as part of the Years 7 to 10 composite fee and is also subsidised by the program budget. However, some subjects may have additional associated costs for special equipment, excursions, incursions and/or transport. Families are notified of these costs if they arise.

Some subjects may also extend into fruit or lunch, particularly those leaving the school grounds. Students will need to be aware of this when choosing particular subjects as they may need to take and eat their fruit and/or lunch.

### EXPERIENCE

- *skill or knowledge that you get by doing something:*



### EXCEL

- *be exceptionally good at or proficient in an activity or subject.*



## DESIGNING OUR FUTURE

### DREAM

- *an idea or vision that is created in your imagination:*



# STEAM

SCIENCE | TECHNOLOGY  
ENGINEERING | ARTS | MATHS

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## CYCLING AND BIKE MAINTENANCE

Cycling is a great way to get around, be active and spend time with friends. Join us to explore some of Melbourne's bike paths and cycling routes, learn bike maintenance and repair skills and meet some members of the cycling community. This class is open to everyone, all fitness levels and prior cycling experiences. If you don't have your own bike and helmet, consider borrowing one from a friend or relative. \*Note written parent permission is required for this elective.

JOIN NATASHA PREWETT



## PHILOSOPHY UNLEASHED!

Are you ready to tie your mind in a knot, and then untie it? Just don't be surprised if you feel a bit different afterwards. Join us as we tackle some of the most perplexing questions of our time – questions like: Can an artificial intelligence be a person? Do bees use language? Does Instagram own your face? Could we write an app that tells us what the right thing to do is? Is the truth really out there, or does it all just come down to your opinion? Through short films, concept games, thought experiments and spooky science fiction stories, we'll dive into all kinds of contemporary issues that have their roots in ancient philosophical puzzles.

JOIN MICHELLE SOWEY FROM THE PHILOSOPHY CLUB

## ROCKET CONSTRUCTION

In this elective students will learn the basic Physics behind rockets by constructing different types. Students will work individually with basic rockets and after testing different designs will compete in a variety of challenges. Once the basics are mastered students will work in groups on a larger scale rocket.

Possible rocket designs include paper rockets, balloon rockets, matchstick rockets, water rockets and alcohol rockets.

JOIN DONAL UAHWATANASAKUL

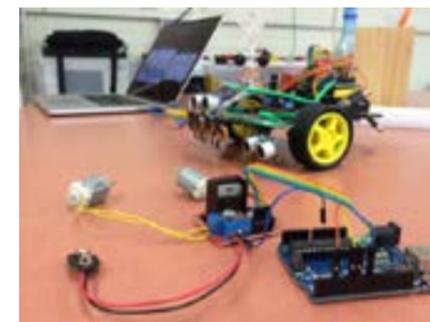
## PHOTOWALK

Wear your walking shoes and bring a phone or device. Each week we will be walking, photographing objects, nature, patterns, colours - too many other ideas to mention. Your photos will be transformed once back at school into works of art using the Mac computers and software.

JOIN CLARE COMAN

## PROGRAMMING AND ELECTRONICS

Learn how to program an Arduino microcontroller using an "easy to get into C like" language, where the core skills learned are applicable to many other programming languages. The main focus of this course is learning how to program and to understand how to interface through hardware, to the real world.



You don't need any experience. We will develop your skills to confidently upload your code to an Arduino Uno (which you get to keep on completion), run sketches that will blink LED's, sense light, create sound, detect magnetic fields, temperature and more. It's a fun way to get to know technology and what actually underpins modern society, allowing your creative brain to dream up new ideas, machines and devices that can help you to achieve a vast array of things. So come join me for fun term of programming, electronics, soldering and more.

JOIN KARL VON MOLLER

## KNIT ONE PEARL ONE

Knitting (and knitting circles) have existed through the ages. As Barbara Hannah Grufferman lists, knitting has a great deal of value and purpose: Take it With You: You can knit anywhere—waiting for appointments, travelling, really . . . anywhere! Multi-task to your heart's content: Knit while watching TV, listening to music or audiobooks, talking with friends or day dreaming.

- **Enforces Mindfulness Meditation:** Knitting is calming, relaxing and keeps us centered because of its repetitive rhythmic movements, which can help prevent and manage stress, pain and depression, which in turn strengthens the body's immune system.

- **Boost Your Memory:** Studies show that side to side eye movements can significantly help boost memory.

- **Knitting as Art:** Go beyond knitting things to wear and create works of art to display in your home. And if knitting in summer sounds like a crazy idea - consider this: you'll have your very own hand knitted scarf by Winter! Not so crazy after all.



**Students will need to come with knitting needles and three large balls of wool** \*nb price of wool varies depending on quality. If this is your first time knitting perhaps choose a nice but cheaper option. Needles also vary so consult the sales person (Spotlight or suburban wool shops) to help make your choice.

JOIN KATE ELLIS

## THEATRESPORTS

In this Elective students will participate in a variety of improvisation games to assist in developing their drama skills. Each class is structured similar to a "Whose Line is it Anyway?" show. A sample list of activities would be Film Styles, Fixed Emotions, House Party and Mission Improbable. The list of options is endless, maybe even come up with a few of your own. No experience necessary.

JOIN ADAM SIMON

## SPORT & PHYSICAL DEVELOPMENT

### TENNIS

Tennis Mad (Bill Madaffer's team) provides coaching for all ages and skill levels, from beginners to advanced, in a relaxed and encouraging environment, making it easy for students to enjoy their tennis as they learn the various disciplines of the game. Getting to know each student's strengths and weaknesses means progress can be made every lesson. Lessons are held at MCC Kew next to the Primary campus.

JOIN THE TENNIS MAD TEAM

### ROCK CLIMBING (Years 8 - 10)

This will be a super fun elective where you will learn how to rock climb (indoor top rope). We will focus on technique, projecting, route reading and setting climbing goals. You will work in pairs week by week on climbing drills, learning the mechanics and art of climbing so you can master difficult routes by the end of the elective.

Climbing is an art - it combines meditation, focus, physical strength, patience, flexibility (mental and physical) and problem solving skills. You don't need to have any experience, just an open mind and determination. Anyone can do it!

Remember, climbing is a dangerous sport, so we want participants who are going to commit and take it seriously.

For those who want to take their climbing to the next level, we may look at doing an outdoor climbing trip to the Grampians where you will learn how to climb real rock. It will be a three day camping trip over Easter. All details to be confirmed based on the level of interest and numbers.

Rock Climbing is now an Olympic sport - so you never know!

\*Note written parent permission is required for this elective.



JOIN ZAHAVA ELENBERG

# HEALTH & WELLBEING

## BOOK CLUB

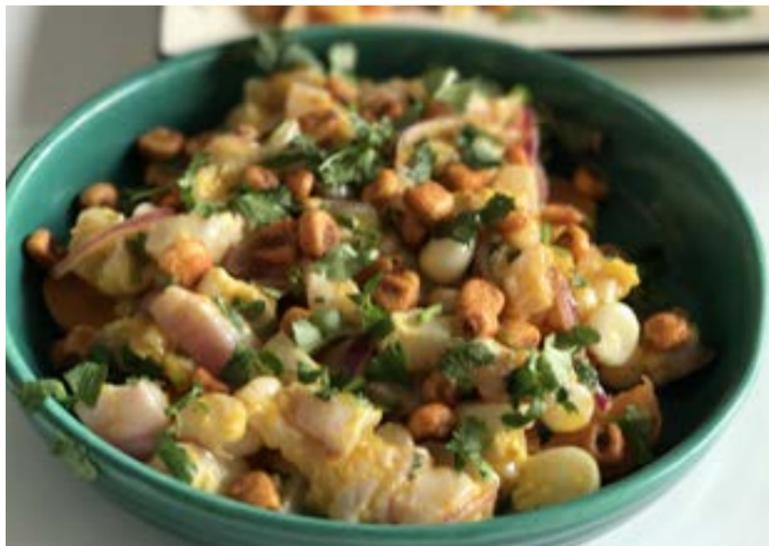
Book Club is an opportunity for students to nurture the joy of reading, have a chance to talk about what they are reading and why they like or don't like their choices. There will also be time to think about writing, discuss what makes a good narrative, look at different genres and what they incorporate as well as understanding the importance of writing with an audience in mind. If you have a penchant for reading and writing then this elective is for you.

**JOIN MARY ANN METCALF**

## KITCHEN GARDEN

This term's elective will focus on ethical eating or "eating green". Not only will you source nutritious and delicious 'green' recipes, you will also cook up delicious food each week and take care of the kitchen garden crops.

**JOIN JOHN COLLINS**



# COMMUNITY & SCHOOL PARTNERSHIPS

## GARDENING & FOOD SECURITY

Food Security's Mission is to create practical & meaningful ways to engage in solving Food Insecurity in Australia. The program is designed to give students a realistic insight into the diverse members of their community suffering food insecurity. Their classes and activities integrate the concept of nurturing a garden with nurturing people resulting in a meaningful and enjoyable project.

*The program is designed to:*

Teach the life skills of planting, maintaining & harvesting a productive crop. Explore the reality of hunger in our community and invite students to respond by growing food for donation. Provide an opportunity for students to work in genuine partnership with the community sector, to deliver a real product, and to value their contribution, and integrate learning about health, environment and community. Students can eventually hand deliver their produce to Fareshare and The Asylum Seekers Resource Centre where they can experience the personal rewards that come with contributing to the welfare of our community.

**JOIN THE FOOD SECURITY NETWORK TEAM**



## ELECTIVE VOLUNTEERS WANTED

If you have an idea or know someone who would love to run an elective that involves a community partnership, please let us know!

# ELECTIVES PREFERENCE FORMS

Students need to choose only one Elective. Students should mark their choices in the order of preference. The Elective you choose will be for the whole term. Forms must be returned by the due date. We will notify you which Elective you are in as soon as possible so you can prepare if necessary.

**\*Please note some electives may require special parent permission.**

## CHOOSING AND RESPONSIBILITY

*“From the earliest years, children at Preshil are encouraged to choose... In later years, children are encouraged to choose and pursue one or more special interests... This tradition of choosing special projects and electives continues throughout the school.*

*Preshil believes that providing children with the choice to follow their own interests leads to a more compelling and rewarding learning experience for both child and teacher. By taking ownership of their education children invest more of themselves and are more motivated to learn.*

*By learning to make their own choices in ever more significant ways, children begin to learn the importance of making good choices and taking responsibility for them. When children can understand that their every action is the product of a choice they themselves make, whether consciously or unconsciously, they become more empowered to direct their own lives.*

*By choosing to pursue their own interests children solidify their unique strengths and the growing expertise that will aid them in their later studies, as well as in their vocations as adults...”*

*The Courage Book*

### ELECTIVES PROGRAM CONTACT:

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### PRESHIL

The Margaret Lyttle Memorial School

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SECONDARY SCHOOL

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