



*question
wonder
learn*



South Metro
PEAC

COURSE CATALOGUE

CYCLE 2
2024



Phone
64558060

IMPORTANT INFORMATION

CYCLE 2 2024

Dear Parent/Carers,

Enclosed are the course offerings for Cycle 2 2024.

Your child will have a choice of 4 preferences, which will need to be nominated before the closing date.

Courses are designed to both accelerate and enrich student learning. **Acceleration** refers to offering students the opportunity to acquire knowledge and understanding of more complex Curriculum. **Enrichment** refers to deepening their learning across the General Capabilities of Critical and Creative Thinking, applying what they have learnt to new situations or complex tasks. This is an important consideration when nominating courses, to assist students to transform their *gifts* into *talents*.

We endeavour to allocate one of your 4 course nominations and will communicate this to you by email ahead of Cycle 2 once courses have been filled.

A timetable has been included for Cycle 2 to assist your planning. Locations of all courses are noted and more information about these sites are on our website.

After you have reviewed the course catalogue, please complete your course preferences by following the link and steps on our website.

It is important that you let us know if you are ***not*** planning to attend a course and wish to withdraw.

Please ensure you communicate with us if there is any updated information we need to know relating to your contact details, student health conditions or support needs.

Many thanks,
Hannah Moore
Coordinator - PEAC

TIMETABLE

CYCLE 2 2024

	Monday		Tuesday		Wednesday		Thursday	
	am	pm	am	pm	am	pm	am	pm
Online			Kate Druitt Mathematical Time Travellers ONLINE 4222					
Scitech				Robert Denner Scitech STEM Club 4285				
Bull Creek 1	Robert Denner Bulls n Bears 4201	Robert Denner Aviation 4202	Zak Weird World of Games 4203	Zak Launchpad 4204	Sandra Whitehurst Fantastic Beasts 4205	Sandra Whitehurst Law and Order 4206	Rebecca Moore Maths in Design 4207	Rebecca Moore What Lies Beneath? 4208
Bull Creek 2	Sheryl Miller Book Worms 4209	Sheryl Miller Sherlock Holmes 4210	Patrick Cunningham Amazing Race 4211	Patrick Cunningham Do you want to build a Computer? 4212				
Curtin 1	Sandra Whitehurst Mythbusters 4213	Sandra Whitehurst Chess Champion 4214		Rebecca Moore The Golden Pen 4215	Robert Denner Puzzled 4216	Robert Denner Moon Mission 4217	Sandra Whitehurst Games Lab 4218	Sandra Whitehurst The World of Marvel 4219
Curtin 2	Maria Biscotto Sweet Science 4246	Maria Biscotto The Story of Chocolate 4236		Kate Mathematical Time Travellers 4223	Zak Circuit Breakers 4224	Zak Launchpad 4225	Zak Codes and Ciphers 4226	Zak The Science of Music 4227
East Hamilton Hill	Kate Druitt The Great Debate 4228	Kate D Out of This World 4229	Sandra Whitehurst Vetinary Science 4230	Sandra Whitehurst The Return of Harry Potter 4231	Susie Megalomaniacs 4232	Susie Wildlife Warriors 4233	Sheryl Miller Breakout 4234	Sheryl Miller Minecraft EDU 4235
Woodlupine			Maria Biscotto Food Glorious Food 4245	Maria Biscotto Megalomaniacs 4237	Sheryl Miller Breakout 4238	Sheryl Miller Junk Box Wars 4239		
Yarralinka 1	Patrick Cunningham RoboCup 4240	Patrick Cunningham Stop That Robot 4241			Rebecca Moore Lights, Camera, Action! 4242	Rebecca Moore Music Matters 4243		Robert Denner Digital Comical Creations 4244
Yarralinka 2	Thelma Dietrich Medical School 4220	Thelma Dietrich Brilliant Botanists 4221			Kate Druitt How to Survive an Apocalypse 4247	Kate Druitt Marine Archaeology 4248	Patrick Cunningham Border Patrol 4249	Patrick Cunningham Forensic Investigations 4250
Atwell College							Rob Mysteries of the Ancient World 4551	

COURSE: ONLINE MATHEMATICAL TIME TRAVELLERS (4222)

Learning Area: Maths, HASS

Conducted by: Kate Druitt

Times:

Tuesday 9.45am- 10:30 am
(Online)

Cost: FREE

Commencing:

Tuesday 28 May 2024

Finishing: Tuesday 20 August 2024



Student Requirements for Online Learning:

- Students will require permission and support from their mainstream primary school to connect during the school day to this online course. Depending on the school timetable, it may or may not be possible to support PEAC students with online learning. As such, we recommend speaking with your school PEAC Coordinator or an Administrator, to discuss whether it is a possibility for your child to participate in this online course *before* listing it as a preference.
- Students must have access to a device with wifi. It is recommended that students use an audio headset with a microphone to be able to fully interact in the online learning environment.
- All student work and links to connect with the classroom teacher will be shared through Microsoft Teams. A school administrator from the student's mainstream primary school, must enable access to Microsoft Teams through DAM prior to the course commencement.
- Students can connect live with the PEAC teacher on Tuesday between 10-10.30am and tasks will be set for completion across the week. It is recommended that schools allows for 1-2 hours for students to complete their course content and set tasks.

Course Description: Bring your problem-solving, critical thinking, and collaboration skills as you travel back in time! Work in teams to solve various math puzzles and challenges by examining clues, gathering facts, and considering the context of different countries and time periods. You will get the opportunity to develop your very own puzzle for other PEAC students to solve!

These courses are located at...

Bull Creek PS

COURSE: BULLS & BEARS (4201)

Learning Area: HASS,
English, Maths

Conducted by: Robert Denner

Times: 9.00-11.15am

Cost: \$10

Commencing:
Monday 10th June
(Note: there is a later start
date to this course)

Finishing: Monday 19th August 2024



What do bulls and bears have to do with the share market? Come and find out whilst participating in a classroom Share Market Game, based on the game which has been set up for Secondary students. You will work in a syndicate of four and be given a hypothetical sum of \$50,000 to trade in real time on the Australian Share Market and make your fortune. The game is hands-on, interactive and fun. Create your own team portfolio using live prices and real time trades. Gain experience in what it's like to invest without spending a cent of your own money. This is as close to real life share trading as you can get. While playing the game learn how the share market works and how to buy and sell shares. You will also learn about historical events that have affected the share market e.g. The Great Depression the GFC and COVID 19. We will also dip into the Barefoot Investor's Kids book to learn how to make and manage our money. Come on future investors and millionaires, let's make some money!

COURSE: BOOKWORMS (4209)

Learning Area: English

Conducted by: Sheryl Miller

Times: Monday 9am – 11:15am

Cost: \$30

Commencing:
Monday 27 May

Finishing: Monday 19 August



Do you love reading books and travelling, in your mind, to the imaginary world you create? Are you guilty of being so absorbed in a book that you forget about everything else around you? Do you get excited when your favourite book is being turned into a movie? To be part of this course you must be a dedicated and avid reader. You can analyse your favourite books and learn what it takes to write a best seller. We will have a session with a literature specialist, getting a snapshot of authors and new books being released. You will be able to choose a book to take home with you! (cost is included in the course fee).

These courses are located at...

Bull Creek PG

COURSE: AVIATION (4202)

Learning Area: HASS, Technologies,
Science, Maths, English

Conducted by: Robert Denner

Times: Monday 12.15-2.30pm

Cost: \$10

Commencing: Monday 10th June 2024
(Note: there is a later start date to this
course)

Finishing: Monday 19th August



What is the future of Aviation? The design of airports and planes will have to change for a new travelling generation. Non-stop flights from Sydney to London are being planned. We are going to use the App: Flightradar24 and study the statistics of flight. We will track planes all around the world moving in real time. We will study aircraft, airports, flights and routes. Your knowledge of geography, navigation and weather systems will be enhanced immensely. So much planning goes into getting a flight off the ground. What actually happens at the airport with equipment, fuel, baggage and passengers especially in a post COVID environment? After careful research of current airports and aircraft, you will design an aircraft or airport of the future, incorporating critical and creative planning. Welcome aboard aviation enthusiasts, it will be a great flight!

COURSE: SHERLOCK HOLMES (4210)

Learning Area:
Mathematics, Science, Technologies,
HASS

Conducted by: Sheryl Miller

Times: Monday 12:15pm – 2:30pm

Cost: \$30

Commencing: Monday 27 May

Finishing: Monday 19 August



Sherlock Holmes – one of most famous detectives of all time! How did he solve so many mysteries and crimes by using his powers of logic? Sharpen your wits and learn about the powers of observation and the different types of logic. You will be involved in solving mysteries as well as creating your own. Back up your mysteries by looking at the use of forensics to solve cases. With a special guest presenter, you'll be challenged to sort the truth from fiction! Work in teams to develop and build challenges for others to solve. Elementary, my dear PEAC student!

These courses are located at...

Bull Creek PG

COURSE: WEIRD WORLD OF GAMES (4203)

Learning Area: HASS,
Mathematics, English

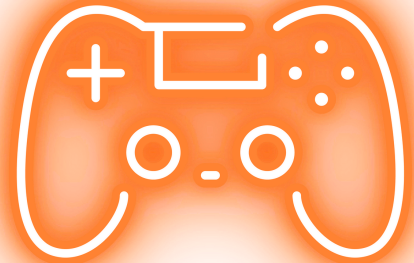
Conducted by: Zak Millar

Time: 9.00-11.15am

Cost: \$25

Commencing: Tuesday 28 May

Finishing: Tuesday 20 August



Do you like playing games? Do you like watching games or sport? If so, this course might be for you! In The Weird World of Games you will explore board games, card games, sports, video games and more. We'll look at games from around the world, their history and why they're fun to play. You will have a chance to research your favourite game, try some new games and most importantly, learn how to beat everyone else at Monopoly.

COURSE: AMAZING RACE (4211)

Learning Area: Science

Conducted by: Patrick Cunningham

Time: 9.00-11.15am

Cost: \$5

Commencing: Tuesday 28 May

Finishing: Tuesday 20 August



Can you work collaboratively in a team to overcome all the obstacles you come up against and be first across the finish line? Are you up to the challenge? Can your team master the tasks set for you? Will you be able to follow the directions and instructions set, and finish your activities both quickly and accurately? Students will be introduced to the sport of Orienteering, which has been described “running while playing chess” and “cunning running” and will have to negotiate their way around various courses, finding various checkpoints on their way. This is a very “hands on” and physically demanding course, are you up for it? Challenges will have a focus on sustainability both from a local and global perspective and will require creative problem solving to look at possible solutions.

These courses are located at...

Bull Creek PS

COURSE: LAUNCHPAD (4204)

Learning Area: Science,
Technologies, HASS

Conducted by: Zak Millar

Time: 12.15-2.30pm

Cost: \$50

Commencing: Tuesday 28 May

Finishing: Tuesday 20 August



Have you ever wanted to launch a rocket? In this course we'll explore the history and science of rocketry, from their beginnings in 13th-century China to the advanced designs and materials used in modern-day space exploration. Students will start by learning about the laws of motion and what makes rockets go as well as exploring the factors that make for the best water rocket. Then students will design, build and launch their own model rockets. Could this be the first PEAC group to send a rocket to space? Probably not, but we can still give it a go!

COURSE: DO YOU WANT TO BUILD A COMPUTER? (4212)

Learning Area: Technologies

Conducted by: Patrick Cunningham

Time: 12.15-2.30pm

Cost: \$5

Commencing: Tuesday 28 May

Finishing: Tuesday 20 August



Have you wondered how your computer works? Would you like to learn about the various components inside a computer? Are you considering updating that old computer? Would you like to replace that sound card/ Blue ray drive / or even add a new Hard Disk Drive? How about replacing the CPU, the Mainboard or adding RAM? In this course you will learn how to strip down a computer into all the component parts and then rebuild it with a combination of other parts then load an operating system onto it and test that all the parts do work. Let's look at how much the parts all cost too. You will also learn how to "network" computers for gaming or just sharing data. What about hacking, cyber security and keeping yourself safe online? These are all great topics, which we will investigate.

These courses are located at...

Bull Creek PG

COURSE: FANTASTIC BEASTS AND WHERE TO FIND THEM (4205)

Learning Area: English, Science, HASS

Conducted by: Sandra Whitehurst

Times: Wednesday 9-11.15am

Cost: \$15

Commencing: May 29th 2024

Finishing: August 21 2024



We will complete a global excursion to find and document extraordinary creatures both alive and mythical. After a visit to the Perth Zoo you will create a viable environment for your fantastic beast to live in. The environment will be based on your knowledge of classification, zoology and animal adaptations. We will plan and write about how we intend to research the many fantastic beasts you invent. At the conclusion of the course your own fantastic beast will appear. Are you ready for a little bit of magic?!

COURSE: LAW AND ORDER (4206)

Learning Area: English, Science, HASS

Conducted by: Sandra Whitehurst

Times: 12.15-2.30pm.

Cost: \$15.00

Commencing: Wednesday May 29

Finishing: August 21st



Are you a budding lawyer? Does solving crimes, investigating evidence and finding out about how our legal system works in W.A. interest you? Then this course is definitely for you! You will be involved in mock trials and actively part of a jury procedure. We will have a guest speaker who will share his life, as a busy lawyer and field all questions that you have. Innocent until proven guilty – will you be defending a client or prosecuting on behalf of a victim? Does the evidence stack up? Can you convince a jury either way? You be the judge.

These courses are located at...

Bull Creek PG

COURSE: MATHS IN DESIGN (4207)

Location: Bull Creek PEAC Centre

Learning Area: Mathematics

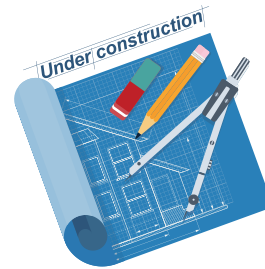
Conducted by: Rebecca Moore

Times: 9:00 - 11:15am

Cost: \$20

Commencing: Thursday 30 May

Finishing: Thursday 22 August



From artwork to architecture, fashion to football, math is the key to success. In this course, we will explore geometry, tessellations, patterns and optical illusions. Understanding angles and measuring with accuracy will help students to develop their own logos, artworks and optical illusions. Students will work with both digital and hand drawn designs, they will also construct their own 3D models.

COURSE: WHAT LIES BENEATH? (4208)

Learning Area: HASS, Science

Conducted by: Rebecca Moore

Times: 12:15 – 2:30pm

Cost: \$10

Commencing: Thursday 30 May

Finishing: Thursday 22 August



The ocean covers 70% of our planet. What secrets lay beneath the surface with mysterious animals, shipwrecks, sunken cities and intricate ecosystems? What impact do things like pollution, recreation and the efforts of activists have on the future of our surrounding oceans? Students will create interactive displays, investigations and presentations explore marine biology, archaeology, conservation and technology.

These courses are located at...

Curtin PG

COURSE: MYTHBUSTERS (4213)

Learning Area: Science, Maths,
Technologies

Conducted by: Sandra Whitehurst

Times: 9:00am – 11:15am

Cost: \$40

Commencing: Monday 27 May

Finishing: Monday 19th August



Did a Chinese Nobleman centuries ago attempt to send himself into space sitting on a rocket propelled chair? How hard is it to find a needle in a haystack and if you had to, how would you set about finding it? Would you go insane if water was constantly dripping on your head? Find out if these myths and urban legends are really true or are they just ... myths? We will examine and dissect some experiments. We will set up some myth busting tests of our own. Does a watched pot never boil, does talking to flowers make them grow and does a kilo of feathers fall quicker than a kilo of bricks? This is a great hands-on and challenging course. Please bring your inquiring minds with you in the search for the truth.

COURSE: SWEET SCIENCE (4246)

Learning Area: Technology and Enterprise,
English, Science, HASS, Health, Maths

Conducted by: Maria Biscotto

Time: 9.00-11.15am

Cost: \$30

Commencing: Monday 27th May

Finishing: Monday 19th August



Sweet; Is there any word more... sweet In this course you will discover that there is more to the delectable sugar surprises than meets the mouth. Confectionary and syrupy delights contain quite a bit of Science. Sometimes, you just have to investigate them to find out, other times you have to eat them; all in the name of Science! We will look at the role of food additives in products. Understand food labels and ingredients in the food you eat. This course involves a project, practical activities and food tasting.

These courses are located at...

Curtin PG

COURSE: CHESS CHAMPION (4214)

Learning Area: HASS, Maths,
English

Conducted by: Sandra Whitehurst

Times: 12:15pm – 2:30pm

Cost: \$60

Commencing: Monday 27 May

Finishing: 19th August,



Have you got what it takes to be the inaugural PEAC chess champion? In this course, you will practice a new strategy each week and learn from experts what it takes to be a true chess champion. How does a competition run? Who are the grand masters? Learn the medieval history behind the game and take a peek into how Artificial Intelligence (AI) impacts the game and perhaps makes it impossible to beat in the future. Best of all, compete in our first ever, PEAC chess tournament. The winner will receive a prize in recognition of their ability. Are you up for the challenge?

COURSE: THE STORY OF CHOCOLATE (4236)

Learning Area: English, Science,
Health, Technology & Enterprise

Conducted by: Maria Biscotto

Times: 12.15-2.30pm

Cost: \$ 40.00

Commencing: Monday 27 May

Finishing: Monday 19 August



An indepth study of chocolate from its humble beginnings as a bean to the yummy chocolate bar on the supermarket shelf. Life was not always easy for the bean – accused of causing health problems and of curing them; depending on child labour for its existence and being saved by fair trade. Employ your critical and creative thinking skills to come to the rescue. Students will have lots of fun investigating properties and creating & advertising your own chocolate bar.

These courses are located at...

Curtin PG

COURSE: THE GOLDEN PEN (4215)

Learning Area: English

Conducted by: Rebecca Moore

Times: Tuesday 12.15-2.30pm

Cost: \$10

Commencing: Tuesday 28 May

Finishing: Tuesday 20 August



Calling all writers and lovers of books! Immerse yourself in a realm of literature, embark on a hero's journey and take up the challenge to write your best story yet. You will work towards entering a piece of writing in the Scribblers, Golden Pen competition. This year's theme is Rebels & Dreamers, and entries can be fiction, poetry, memoir, comics, graphic novels, picture books or song lyrics. Prizes include book vouchers, cash, workshops, and a VIP trip to the Family Festival.

COURSE: MATHEMATICAL TIME TRAVELLERS (4223)

Learning Area: Maths, HASS

Conducted by: Kate Druitt

Times: Tuesday 12:15 – 2:30 pm

Cost: \$30

Commencing: Tuesday 28 May

Finishing: Tuesday 20 August



Bring your problem-solving, critical thinking, and collaboration skills as you travel back in time! Work in teams to solve various math puzzles and challenges by examining clues, gathering facts, and considering the context of different countries and time periods. You will get the opportunity to develop your very own puzzle for other PEAC students to solve! Participate in an exciting incursion where you will be set an exciting games challenge!

These courses are located at...

Curtin PG

COURSE: PUZZLED (4216)

Learning Area: English, Maths,
Technologies

Conducted by: Robert Denner

Times: Wednesday 9.00-11.15am

Cost: \$20

Commencing: Wednesday 5th June
(Note: there is a later start date to
this course)

Finishing: Wednesday 21st August



Who enjoys getting bamboozled by a good puzzle? There are so many puzzles in the world today from unsolved mysteries to jigsaws. We will study and hopefully solve, binary puzzles, mazes, situation puzzles (lateral thinking), maths puzzles, Sudoku, word puzzles, cryptic crosswords, jigsaws and Rubik's Cubes. You will be issued with your own Rubik's cube to work on during the course and beyond. Learn how to solve the Rubik's Cube in less than 2 minutes! Let's solve the new sensation, WORDLE. We will play some puzzling board games such as Sequence and Othello. Create new pathways in your brain when you accept the challenges in this course and move yourself to the extended abstract level of thought processing.

COURSE: CIRCUIT BREAKERS (4224)

Learning Area: Technologies,
Science, Mathematics

Conducted by: Zak Millar

Time: 9.00-11.15am

Cost: \$30

Commencing: Wednesday 29 May

Finishing: Wednesday 21st August



Explore electricity and electrical circuits using a Micro:bit, a small programmable microcontroller! You will create simple electrical circuits, measure voltage and current, and use the sensors on-board the micro:bit to monitor motion, sound, light, and temperature. Think like a software engineer as you program the Micro:bit using Microsoft MakeCode before completing a final project - designing and building a model 'smart town'.

This program is in run partnership with the Western Power, Circuit Breakers program.

<https://www.westernpower.com.au/resources-education/school-education/stem-programs/circuit-breakers-stem-program/>

These courses are located at...

Curtin PG

COURSE: MOON MISSION (4217)

Learning Area: HASS, English,
Science, Technologies

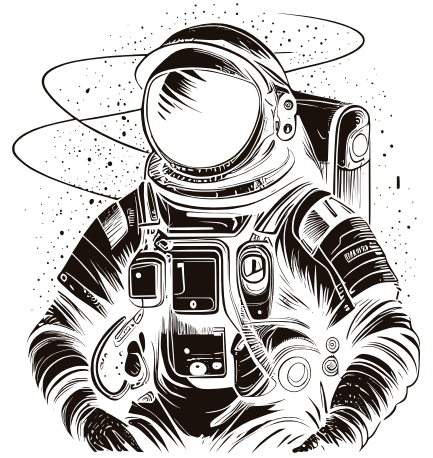
Conducted by: Robert Denner

Times: Wednesday 12.15-2.30pm

Cost: \$20

Commencing: Wednesday 5th June
(Note: there is a later start date to
this course)

Finishing: Wednesday 21st August



We are going back to the moon! The Artemis program intends to re-establish a human presence on the Moon for the first time since the Apollo 17 mission in 1972. We will study the Apollo missions and then move onto the fascinating Artemis program. Let's look at NASA's plan to get humans back on the moon in 2024. We will build our own Space Launch System, learn about the Orion spacecraft, Lunar Gateway space station and the commercial Human Landing Systems. You are the Artemis generation. Let's rediscover the Moon!

COURSE: LAUNCHPAD (4225)

Learning Area: Science, Technologies,
HASS

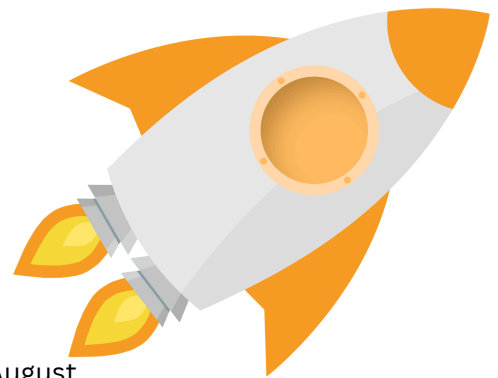
Conducted by: Zak Millar

Time: 12.15 - 2.30pm

Cost: \$50

Commencing: Wednesday 29 May

Finishing: Wednesday 21 August



Have you ever wanted to launch a rocket? In this course we'll explore the history and science of rocketry, from their beginnings in 13th-century China to the advanced designs and materials used in modern-day space exploration. Students will start by learning about the laws of motion and what makes rockets go as well as exploring the factors that make for the best water rocket. Then students will design, build and launch their own model rockets. Could this be the first PEAC group to send a rocket to space? Probably not, but we can still give it a go!

These courses are located at...

Curtin PG

COURSE: GAMES LAB (4218)

Learning Area: English, Design, HASS

Conducted by: Sandra Whitehurst

Times: 9-11.15am

Cost: \$30

Commencing: Thursday 30 May

Finishing: Thursday 22 August



In this course you will learn the basics of game mechanics and how to design captivating characters, diabolical challenges and memorable experiences. It is about game design and creation. By rethinking the world around you as a game, you will let players experience your adventure. You will learn the basics of game design, including how to create challenges for your players. We will look at the evolution of gaming, over the years, how the concept of a game is created and then build your own games for our Game day at the end of the cycle. Take part in an incursion with The Games Man, Dr Andy Kirker, who will share his extensive knowledge of games creation and play a game with the class. Please bring your design skills, creativity and imagination to class.

COURSE: CODES AND CIPHERS (4226)

Learning Area:
HASS, Maths, English

Conducted by: Zak Millar

Time: Thursday 9.00-11.15am

Cost: \$25

Commencing: Thursday 30 May

Finishing: Thursday 22 August



Whether it is a spy communicating from behind enemy lines or someone trying to keep their nosy sibling out of their diary, for as long as people have been writing things down, they have also been thinking of ways to hide what they write from other people. In this course we'll take a look at some of these codes and ciphers, practice using them, and see how people have broken them. If you like solving puzzles, this might be a good course for you!

These courses are located at...

Curtin PG

COURSE: THE WORLD OF MARVEL (4219)

Learning Area: English, Science, HASS

Conducted by: Sandra Whitehurst

Times: 12.15 - 2.30pm - Thursday

Cost: \$15

Commencing: Thursday 30 May 2024

Finishing: Thursday 22 August 2024



Did you know that the first Marvel characters met their audiences as cartoon characters and heroes? We will dive into this creative world. If you recognise The Avengers, Thor, Iron Man, Captain America, Spider Man and The Hulk you will appreciate that Marvel is committed to bringing great stories, characters and experiences to life. We will be looking at Superpowers and how this makes each hero unique. Come on a journey of action and discovery and create your own superhero and adventure.

COURSE: THE SCIENCE OF MUSIC (4227)

Learning Area: Science, The Arts, Technologies

Conducted by: Zak Millar

Time: 12.15-2.30pm

Cost: \$35

Commencing: Thursday 30 May

Finishing: Thursday 22 August



If you could see your favourite song, what would it look like? When you're learning or playing with other people why do some things sound "wrong" or "off"? In this course we're going to learn about sound waves, the vibrations in the air that translate into what we hear. We'll learn how instruments make their sounds, exploring woodwind, string, percussion and brass instruments and we'll learn some of the maths behind scales and rhythm.

These courses are located at...

East Hamilton Hill PS

COURSE: THE GREAT DEBATE (4228)



Learning Area: English, HASS

Conducted by: Kate Druitt

Times: Monday 9:00- 11:15 am

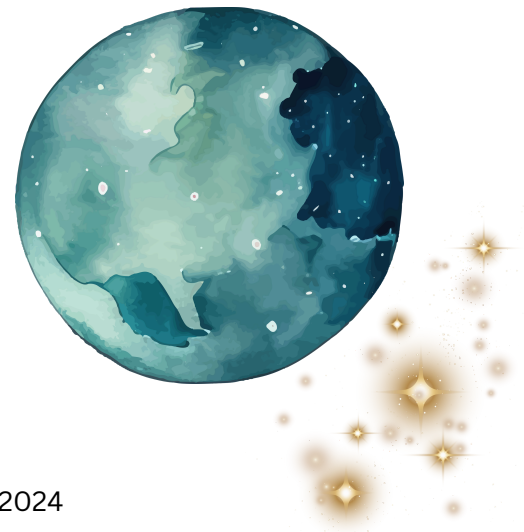
Cost: \$5.00

Commencing: Monday 27 May

Finishing: Monday 19 August

Join our PEAC debating team to become a confident and persuasive speaker. Learn how to craft compelling arguments, create challenging opposing views, and provide strong rebuttals. Explore a range of exciting and controversial debate topics in teams before producing quality debates to challenge other PEAC students. Study great historical speeches to determine what makes a powerful and captivating speaker. Join us for a dynamic and rapid verbal exchange.

COURSE: OUT OF THIS WORLD (4223)



Learning Area: Science,
Technologies

Conducted by: Kate Druitt

Times: 12:15 – 2:30 pm

Cost: \$30.00

Commencing: Monday 27 May 2024

Finishing: Monday 19 August 2024

The universe encompasses everything that has ever existed or will exist. We are embarking on a voyage that will transport us from the smallest particles to the vast expanse of eternity. From the earliest moments of existence to the far reaches of the future, we will delve into galaxies, stars, and planets. Investigate the big bang theory and pose questions about our Solar System's existence. You will have the opportunity to design your own planet and alien species that would survive on it. Enjoy an excursion to Scitech's Planetarium.

These courses are located at...

East Hamilton Hill PS

COURSE: VETERINARY SCIENCE (4230)

Learning Area: Science, HASS, Health

Conducted by: Sandra Whitehurst

Times: 9.00-11.15am

Cost: \$70

Commencing: Tuesday 28 May 2024

Finishing: Tuesday 20 August 2024



In this course you will explore the wonderful world of farm, exotic and domestic animals and their care. Some sessions will be run by a qualified veterinary expert, which will cover topics such as pet handling, pet care and preventative medicine, with REAL animals visiting the lesson for an interactive and meaningful experience. Develop your skills and understanding of taxonomy, anatomy, physiology, pathology and animal behaviour. There will be opportunities for hands-on activities. You will be given a case study of “animal patients” to make a diagnosis and solve.

COURSE: THE RETURN OF HARRY POTTER (4231)

Learning Area: English, Science, HASS

Conducted by: Sandra Whitehurst

Times: Tuesday 12.15-2.30pm

Cost: \$15

Commencing: Tuesday 28th May 2024

Finishing: Tuesday 20th August 2024



Harry's back! Are you a fan of J.K. Rowling and the Harry Potter series? Let's delve into the magical world of Hogwarts. Travel around the world to find whether the myths within the stories are a figment of the imagination or based on tales of old. What do all the tales have in common? What is the philosopher's stone? Why hasn't it been found? Was Nicholas Flamel a real wizard or another figment of J.K. Rowling's imagination?

Explore the wonderful characters, plot, themes and humour of the author. This is a course for students who love reading and discovering what lies beneath the art of storytelling and accepts the excitement of a challenge.

These courses are located at...

East Hamilton Hill PS

COURSE: MEGALOMANIACS (4232)

Learning Area: HASS, Design
Technologies English

Conducted by: Susie Swinhoe

Times: 9.00-11.15am

Cost: \$40.00

Commencing: Wednesday 29 May

Finishing: Wednesday 21 August



Have you ever wished you could be the boss of your own country or even the whole world? In this course you are in control. You will create your own country. A country where everything is in your power. You will design a flag, currency and your national costume. You will create an historical timeline and write legends about your country's past. You will create terrestrial and aquatic biomes based on the climate of your country. What type of government will you have? Each of these activities will earn your country money which will allow you to trade with other countries. This could put you in a position to overtake other countries. Beware though, there may be other countries preparing to overtake you! If you ever wanted an opportunity to be the most powerful person in the world, then this is it!

COURSE: WILDLIFE WARRIORS (4233)

Learning Area: Maths, Technology and
Enterprise, English, Humanities, Social
Sciences

Conducted by: Susie Swinhoe

Times: Wednesday 12.15-2.30pm

Cost: \$80.00

Commencing: Wednesday 29 May 2024

Finishing: Wednesday 21 August 2024



You are the protectors of our animal heritage. At least ten species of native mammals are extinct, and another thirty animal species are at serious risk. In this course you will study the issues that are impacting on the lives of endangered animals, reasons why and what we might be able to do to reverse this trend. W.A Birds of Prey will visit us, and you will have a 'hands on' experience with these fascinating and beautiful birds. We will visit the Perth Zoo and learn about the role of zoos in protecting endangered animals around the world. You will learn fascinating facts about skulls and scats, animal enclosures, introduced species and the work of an Environmental Scientist. You will study classification methods, dichotomous keys and how to use them, look at ethical trapping techniques and how they record the animals they find. Just imagine being able to hold an echidna, getting close to a bilby or a Stimson's python right in your classroom- well you will be able to when 'Critters Up Close' visits our classroom. Join us on our wildlife crusade, become a Wildlife Warrior! (course fee includes a visit to the Perth Zoo, 'Critters Up Close' and WA Birds of Prey incursion)

These courses are located at...

East Hamilton Hill PS

COURSE: BREAKOUT (4234)

Learning Area: Mathematics, HASS,
Science

Conducted by: Sheryl Miller

Times: Thursday 9-11.15am

Cost: \$40

Commencing: Thursday 30 May

Finishing: Thursday 22 August



Have you heard of escape rooms? Welcome to PEAC's version – Break Out! Collaborate and communicate with your team, employ your critical and creative thinking skills to decipher the clues, unlock the padlocks and move onto the next challenge. These interactive challenges will vary in their theme, but you only have a certain amount of time to escape! This course includes a visit to Escape Hunt in Fremantle (meet me there) where you will hone your skills to create your own escape room. Choose your own adventure, create mind boggling and thought-provoking clues. Will your classmates break out? Will YOU break out? A course for clever, cunning, and crafty kids.

COURSE: MINECRAFT (4235)

Learning Area: Digital Technology,
HASS, Mathematics

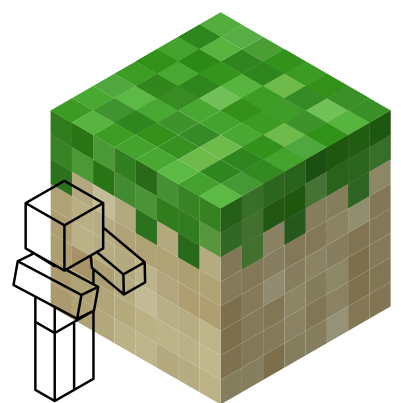
Conducted by: Sheryl Miller

Times: Thursday 12.15 - 2.30pm

Cost: \$10

Commencing: Thursday 30 May

Finishing: Thursday 22 August



Do you love all things Minecraft? In this interactive course you will be able to turn your creative ideas into reality in the world of Minecraft Education. You will plan designs using isometric drawings or perspective drawings and then build famous monuments or make even more spectacular creative structures of your own imagination. Create your own scenarios to build as a group or challenge another group to build your scenario. Send your friends on a treasure hunt or obstacle course through varying landscapes and challenges. Be prepared to be creative and innovative. Let's get building!

These courses are located at...

Woodlupine PG

COURSE: FOOD GLORIOUS FOOD (4245)

Learning Area: Technology and Enterprise,
English, Science, HASS, Health, Maths

Conducted by: Maria Biscotto

Times: 9.00- 11.15 am

Cost: \$30

Commencing: Tuesday 28 May

Finishing: Tuesday 20 August 2024



Bring your taste buds along to this course where we take a journey into the world of food technology, how food has evolved from hunter and gathering times, looking at the indigenous culture, to the modernisation of food supply. We will explore the importance of many aspects of food production. Students will have the opportunity to work on a new food idea, modifying an existing food product or food saved from wastage using a Project Based Learning model. This fascinating course incorporates - an incursion about Bush Tucker, practical food preparation and food tasting.

COURSE: MEGALOMANIACS (4237)

Learning Area: Technology and
Enterprise, English, Science, HASS,
Health, Maths

Conducted by: Maria Biscotto

Times: Tuesday 12.15 - 2.30 pm

Cost: \$40

Commencing: Tuesday 28 May

Finishing: Tuesday 20 August



Have you ever wished you could be the boss of your own country or even the whole world? In this course you are in control. You will create your own country. A country where everything is in your power. You will design a flag, currency and your national costume. You will create an historical timeline and write legends about your country's past. You will create terrestrial and aquatic biomes based on the climate of your country. What type of government will you have? Each of these activities will earn your country money which will allow you to trade with other countries. This could put you in a position to overtake other countries. Beware though, there may be other countries preparing to overtake you! If you ever wanted an opportunity to be the most powerful person in the world, then this is it!

These courses are located at...

Woodlupine PG

COURSE: BREAKOUT (4238)

Learning Area: Mathematics, HASS,
Science, Technologies

Conducted by: Sheryl Miller

Times: Wednesday 9am – 11:15am

Cost: \$40

Commencing: Wednesday 29 May

Finishing: Wednesday 21 August



Have you heard of escape rooms? Welcome to PEAC's version – Break Out! Collaborate and communicate with your team, employ your critical and creative thinking skills to decipher the clues, unlock the padlocks and move onto the next challenge. These interactive challenges will vary in their theme, but you only have a certain amount of time to escape! Includes a visit to Escape Hunt in Fremantle (parents will be required to transport to this location) where you will hone your skills to create your own escape room. Choose your own adventure, create mind boggling and thought-provoking clues. Will your classmates break out? Will YOU break out? A course for clever, cunning, and crafty kids.

COURSE: JUNK BOX WARS (4239)

Learning Area: Technologies,
Mathematics, HASS, Science

Conducted by: Sheryl Miller

Times: Wednesday 12:15pm -2:30pm

Cost: \$20

Commencing: Wednesday 29 May

Finishing: Wednesday 21 August



Do you enjoy challenges and being creative? Do you know what a trebuchet is? Will your trebuchet go the furthest? Whose bridge will get the cars across the canyon? Who is going to save the most people from the rising flood waters? Who can safely land in the drop zone? These are some of our many possible projects in Junk Box Wars – a stimulating hands on learning experience using creative, critical thinking to solve real world challenges. You / your team will research on the internet, design, create and test your own structures against those of your peers.

These courses are located at...

Yarralinka PS

COURSE: ROBOCUP (4240)

Learning Area: English, Science, Technologies, The Arts

Conducted by: Pat Cunningham

Times: Monday 9.00- 11.15 am

Cost: \$50

Commencing: Monday 27 May

Finishing: Monday 19 August



In this course you will build and programme robots to perform to a routine you have created. Some of the challenges you will be presented with will be, designing your own team logo, compiling a soundtrack for your robot to dance to, costuming your robot and then choreographing your robot's dance routine (programming the robot) to synchronise with your soundtrack. You will be continually analysing and modifying your robot's performance as you encounter the complex problems that will confront you. You may want to use sound, motion and touch sensors to enhance the performance. You will learn how to build and program robots whilst also investigating engineering concepts and techniques to stabilise and strengthen your robot. All work in this course is leading up to the RoboCup competition held in Term 3. So, if you enjoy a challenge and have the ability to come up with novel solutions to difficult problems, this course is for you!

COURSE: MEDICAL SCHOOL (4220)

Learning area: Health / Science

Conducted by: Thelma Dietrich

Times: Monday 9.00-11.15am

Cost: \$50

Commencing: Monday 27th May 2024

Finishing: Monday 19th August 2024



Calling all budding doctors.... Do you want to be a superhero and save lives? First, you need to know what makes YOU tick. Venture on a journey deep inside the human body. Analyse the purpose and function of the body systems. We will set up true life medical scenarios, where you will practise lifesaving skills. Choose your pathway.... apply all your knowledge to present a group seminar on your chosen system. Or design a new body part to help humans survive in the future. Are you willing to sign up to Medical School?

These courses are located at...

Garralinka PS

COURSE: STOP THAT ROBOT (4241)

Learning Area: English, Science,
Technologies, The Arts

Conducted by: Patrick Cunningham

Times: 12.15-2.30pm

Cost: \$15

Commencing: Monday 27 May

Finishing: Monday 19 August



In this course you will be given the task of constructing and road testing a robot that can perform some specialised functions. You will investigate design and construction techniques to strengthen and stabilise your robot. As robots, in their many forms, are becoming more important in our daily lives and we are becoming more dependent on them, we will research some of the new and proposed uses of them. ... good and bad?? You will get the opportunity to add a variety of sensors to your robot: touch sensors, light sensors, sound sensors and ultra sonic sensors. Can you set up up wireless communication with your robot? The challenge is.. what can you get them to do? You will investigate, devise, and test your own solutions to complex problems that you will encounter on the way. The big question is ..will you be able to control your robot?

COURSE: BRILLIANT BOTANISTS (4221)

Learning area: Science

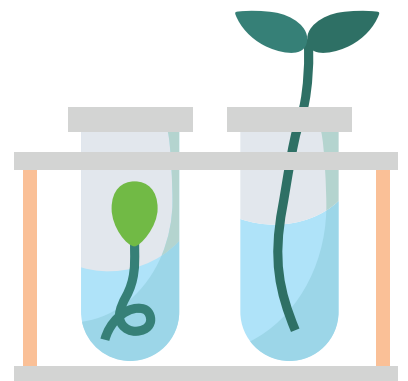
Conducted by: Thelma Dietrich

Times: 12:15pm – 2:30pm

Cost: \$30

Commencing: 27th May 2024

Finishing: 19th August 2024



Brilliant Botanists participating in this course will have the opportunity to explore and observe plants close-up. It is an exciting journey into plant structure and how the structure relates to the function it performs. From studying plant anatomy under the microscope, to investigating the significance of opening and closing of leaf stomata. This research-based botany course offers a unique opportunity to delve deep into the heart of plant biology and contribute to the ever-growing body of botanical knowledge. You will make a terrarium, a microcosm of nature, offering a glimpse into the beauty and complexity of plant life in a compact, enclosed environment.

These courses are located at...

Garralinka PS

COURSE: LIGHTS, CAMERA, ACTION! (4242)

Learning Area: Media Arts

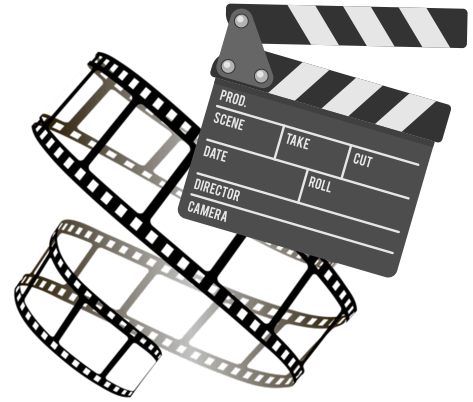
Conducted by: Rebecca Moore

Times: 9:00-11:15am

Cost: \$10

Commencing: Wednesday 29
May

Finishing: Wednesday 21 August



Calling all film making enthusiasts! Writers, actors, editors, prop makers, costume designers and sound composers. Come together as a team to bring the movie making visions of your classmates, a reality on the big screen. Students will try their hand at various production roles and film making styles, including documentary, drama and music videos.

COURSE: HOW TO SURVIVE AN APOCALYPSE (4247)

Learning Area: Science, Design
and Technology, English, HASS

Conducted by: Kate Druiitt

Times: 9.00- 11.15 am

Cost: \$30.00

Commencing: Wednesday
29 May 2024

Finishing: Wednesday
21 August 2024



How can design and technology help you survive a zombie apocalypse? Designing a barricade to keep them out and communicating with other survivors using Morse code are just two of the challenges you will complete during this course. You'll delve into researching parasites that manipulate hosts, creating real-life zombies in nature, and present the most spine-chilling example to the class. Participate in an exciting incursion with the Games Man, Dr Andy Kirker, who will set you a post-apocalyptic challenge!

These courses are located at...

Garralinka PS

COURSE: MUSIC MATTERS (4243)

Learning Area: Science, Technologies, The Arts & Mathematics (STEAM)

Conducted by: Rebecca Moore

Times: 12:15 – 2:30pm

Cost: \$15

Commencing: Wednesday 29 May

Finishing: Wednesday 21 August



Music can activate almost all brain regions and networks, it can help to keep a myriad of brain pathways and networks strong, including those networks that are involved in well-being. It can make you feel sad or full of energy. In this course we will learn about different composers, musicians, instruments as well as create our own digital and analogue instruments.

COURSE: MARINE ARCHAEOLOGY (4248)

Learning Area: Science, Design and Technology

Conducted by: Kate Druitt

Times: 12:15 – 2:30 pm

Cost: \$10.00

Commencing: Wednesday 29 May 2024

Finishing: Wednesday 21 August 2024



The ocean depths hide many secrets. You will work as an archaeologist as you unravel evidence and examine artifacts from under the sea. You will explore shipwrecks from around the world buried in time capsules under the sea. What stories do they tell us? Certain areas have far more sunken ships than others. Why is this? You will face the challenge of constructing a boat that floats in teams.

These courses are located at...

Garralinka PS

COURSE: BORDER PATROL (4249)

Learning Area: English, Science,
Technologies, The Arts

Conducted by: Pat Cunningham

Time: 9.00-11.15am

Cost: \$5

Commencing: Thursday 30 May

Finishing: Thursday 22 August



Why is protecting our borders so important? After seeing some of the effects of the coronavirus have we, in Australia, learnt some important lessons? Or not? What about our online security? Our money in banks? Who looks after that and protects us from cyber attacks? Are these organised by criminals or foreign governments? We will look at protecting our borders from the illegal movement of weapons, drugs, and people. We will investigate the risks associated with food, plants and animals brought into Australia and the pests and diseases related to them. Did you know that upon entry to Australia, plants or animals must be identified by their scientific name, packed in clean packaging and inspected by customs officers to ensure they are free from insects, fleas, worms, snails, soil, seeds, fruit or disease symptoms? But.. is this always done? And if not ..why not? We now realise that spreading a bacteria or virus around the world is possible, so what can we do to prevent this? Let's investigate some of the exotic diseases, bacteria and viruses and their effects, and see just what is out there.

COURSE: DIGITAL COMICAL CREATIONS (4244)

Learning Area: HASS,
English, Maths

Conducted by: Robert Denner

Times: 12.15-2.30pm

Cost: \$25

Commencing: Thursday 6 June
2024

Finishing: Thursday 22 August



This is an opportunity to combine your love of drawing and illustrating into creation of comic strips and comic books. We will take cartooning to the next level through digital design. Design a cast of characters and put them into a storybook. Study lettering, panel layout and story boarding. We will incorporate the use of iPads with Apps such as IBIS PAINT X, PROCREATE and Sketchbook Pro. This course will spark your imagination and creativity.

These courses are located at...

Garralinka PG

COURSE: FORENSIC INVESTIGATIONS (4250)

Learning Area:

Conducted by: Patrick Cunningham

Times: 12.15-2.30pm

Cost: \$5

Commencing: Thursday 6 June
2024

Finishing: Thursday 22 August



Do you like a good mystery, and do you have an interest in solving crimes? Are you good at finding the clues presented to you? Will your skills of observation and intuition help present the final piece of evidence to solve the case? Even if you don't think so... come along and have some fun and learn about hair and footprint matching, handwriting analysis and ransom note chromatography, fingerprint recording and fibre analysis. Use microscopes and have a much closer look at all those clues we miss. We will be focussing on forensic techniques in crime solving, or is it problem solving? Have a go and see if you're a good liar or not, can you tell when someone is lying...what are the indicators that we can see? or even hear?

These courses are located at...

Atwell College

COURSE: MYSTERIES OF THE ANCIENT WORLD (4551)

Learning Area: HASS, English

Conducted by: Robert Denner

Times: Thursday 8.45-10.45am

Cost: \$10

Commencing: Thursday 6 June

***Note: there is a later start date for this course**

Finishing: Thursday 22 August



Travel back in time and unravel some of the mysteries that have puzzled scientists and archaeologists for centuries. What is the mystery of the Pyramids of Egypt and Mexico? Who did build, inhabit and then, abandon the ancient city of Machu Picchu? Who formed the lines of Nazca which can only be seen from the air? We will study the ancient civilizations that left us to puzzle these unsolved mysteries. We will even try to decipher the Mayan calendar! Come on a journey into the past and discover ancient secrets

These courses are located at...

Scitech

COURSE: SCITECH STEM CLUB (4265)

Learning Area: Science,
Technologies, Mathematics

Conducted by: Robert Denner

Times: Tuesday 12.30-2.30pm

Cost: \$100

Commencing: Tuesday 28 May

Finishing: Tuesday 13 August



Join me every Tuesday afternoon at Scitech, City West, for this thrilling opportunity. Become an expert using the Scientific Process and test your STEM skills in the Scitech Laboratory as you rise to the challenge of undertaking various investigations relating to aerodynamics, robotics and the physics of motion and energy. Design and create specific prototypes and machines to suit specific purposes. Enjoy finding out more about the Planetarium. Show your knowledge and understanding by completing a special STEM project. Parents will be required to transport their children to and from Scitech for these sessions.