



Round Three Course Booklet

2018
YEAR 5 & 6



Discover your technical skills, positional judgement, planning strategies and more in the Chess course.

INTRODUCTION

This booklet contains information for Round Three 2018 PEAC courses for all year 5 and 6 PEAC students. It also provides a course calendar and contact details.

COURSE SELECTION

Students usually attend one half-day course for the whole round at any of the venues, however there are full day courses which run for only five weeks. Courses run at different times and may vary in their duration.

IT IS IMPERATIVE TO READ THE COURSE CONTENT CAREFULLY

At least one course preference needs to be entered however it is recommended that students enter four preferences (three for online courses) to increase their chance of being placed into a course. **Please do not select courses previously completed at PEAC.**

PEAC courses are self-funding and **course charges** range from a minimum of \$10 up to \$100. The base \$10 charge applies to all centre based courses for the provision of classroom consumables, photocopying and printing costs. Some courses may incur an additional charge to cover the use of an external venue, incursions/excursions, specialist teachers or specific course materials. Online courses do not incur a charge.

ADDRESSES & CONTACT DETAILS

In the event of student absences or a specific course enquiry, please contact the PEAC course teacher. Their contact details will be provided on your course acceptance letter. For other enquiries contact your school's PEAC Coordinator.

PEAC Office & Administration
Yuluma Primary School, 21 Ambrose St
INNALOO WA 6018

Tel. 9204 2969
Email: admin@northmetropeac.wa.edu.au

Please visit our website for PEAC Centre Locations: www.northmetropeac.wa.edu.au

ONLINE COURSES

Online courses are provided as an option for country PEAC students and for those who are unable to attend centre based courses. The online learning environment used is the same one used by the online secondary selective program for country students.

Students should be aware that a good deal of self-discipline is required to complete an online course and that the activities will be as challenging as those done in the regular PEAC classroom. At the same time, many find the courses great fun and enjoy working with their online classmates.

Students need regular access to a reliable computer with the Internet and reasonably up to date programs in Word, Excel and PowerPoint. We encourage classroom teachers to utilise the online courses as part of their provision for their gifted students, by allocating at least an hour of class time per week for the students to work on their online course. This is flexible and can be negotiated between the classroom teacher and student.

The available online courses for this round are listed with the centre-based courses below.

CENTRE BASED COURSE TIMETABLE - ROUND THREE 2018

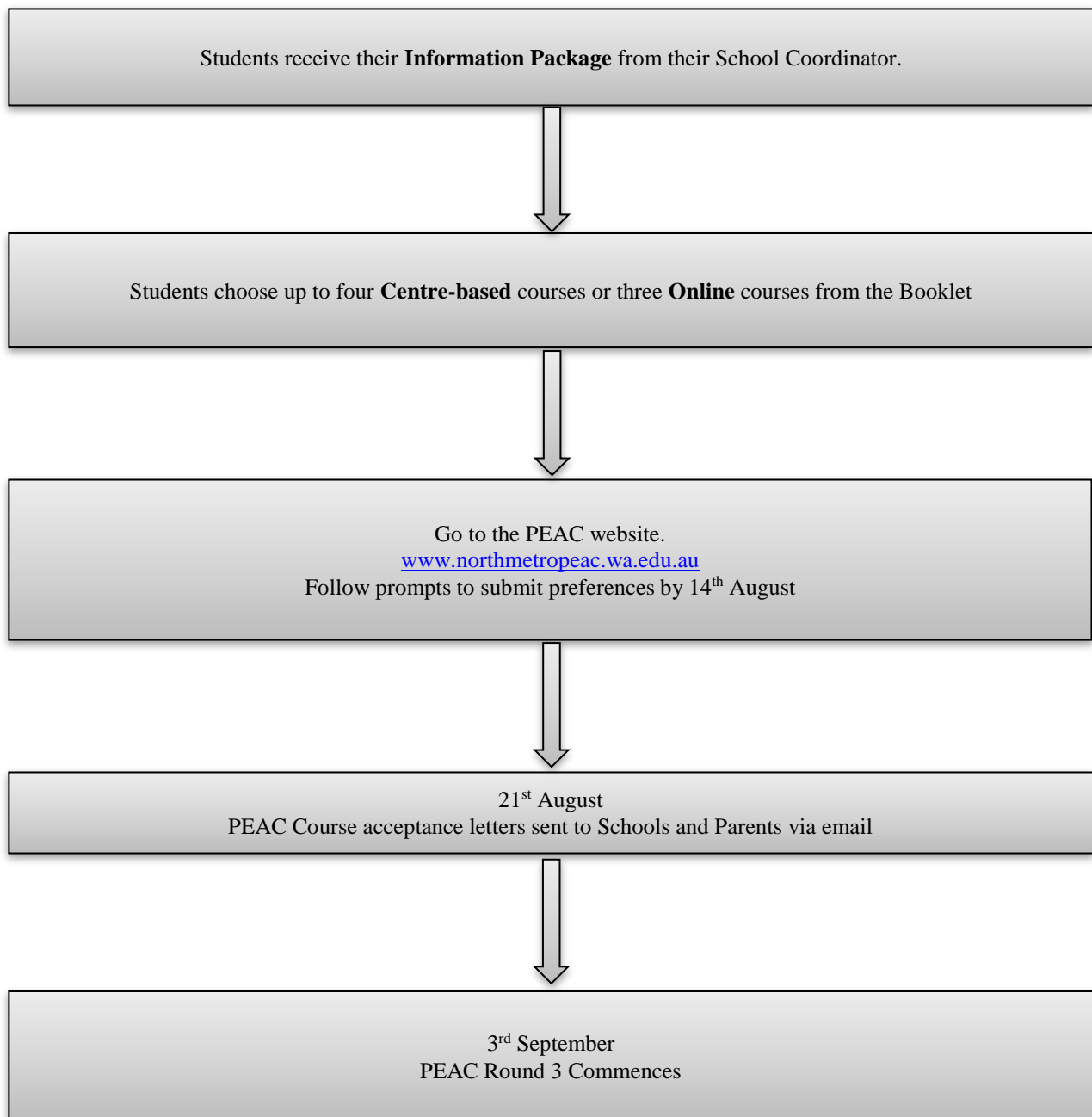
Venue	Mon		Tue		Wed		Thu		Fri	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
<i>Creaney</i>		Sports Science TH	Vet Science KM	World of Maths KM						
	Google Doodle KM	PEAC Parliamentarians KM								
<i>Governor Stirling</i>		Hashtag History NC			Storycraft AS			Fizz! Pop! Bang! NC		
<i>Kinross</i>	What's the Diagnosis? JC	Zentangle@PEAC JC	Magical Musical Tour JC							
<i>Mt Claremont</i>	Inspired to Action LC	Design My Restaurant LC	Mindstretch VR	Blood & Guts @ Mt C VR			From Bean To Bar LC	CSI PEAC LC	Robotics @ Mt C WH	
	Full STEAM Ahead KB	Fantasy Quest KB	Whacky Racers AR	Harry Potter AR	Vicious Vikings KB					
<i>North Balga</i>	Robotics A & B CC		Brain Gym CC	Fantastical Journeys CC	The Cosmos CC					
<i>Weld Square</i>	Codemaster DW		Chess AS	Blood & Guts @ Weld AS			Rocketry DW			
<i>Yuluma</i>	STEM Inc VR	Mythbreakers VR	Shark Tank LC	What A Drama! LC						
<i>AQWA</i>	AQWA Authers TH								AQWA Experts KM	
<i>Filmbites</i>			On Your Way To Hollywood DW							
<i>Kings Park</i>										Kings Park Rangers CC
<i>Scitech</i>									Lab Techs AM LC	Lab Techs PM LC
<i>Online</i>	Mythbreakers - Brainbusters Challenge - The Time Traveller									

PEAC 2018 ROUND 3 CALENDAR

Week	Monday	Tuesday	Wednesday	Thursday	Friday
1	3 Sept	4 Sept	5 Sept	6 Sept	7 Sept
2	10 Sept	11 Sept	12 Sept	13 Sept	14 Sept
3	17 Sept	18 Sept	19 Sept	20 Sept	21 Sept
SCHOOL HOLIDAYS					
4	8 Oct	9 Oct	10 Oct	11 Oct	12 Oct
5	15 Oct	16 Oct	17 Oct STEM Challenge No PEAC	18 Oct	19 Oct
6	22 Oct	23 Oct	24 Oct	25 Oct	26 Oct
7	29 Oct	30 Oct	31 Oct	1 Nov	2 Nov
8	5 Nov	6 Nov	7 Nov	8 Nov	9 Nov
9	12 Nov	13 Nov	14 Nov	15 Nov	16 Nov
10	19 Nov	20 Nov	21 Nov	22 Nov	23 Nov

PEAC Course Preference Process for Round 3

Students are to utilise the Web Based Preference System to apply for **Centre-based and Online PEAC courses**. Please read the following process below.



Check out the PEAC calendar at www.northmetropeac.wa.edu.au for updates.

COURSE INFORMATION

Please check the dates and locations carefully to ensure you can attend

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Mon	9:00 AM	11:00 AM	AQWA	3-Sep	19-Nov	10	Tara Hannent	English	AQWA Authors	Come on a journey into the underwater world of AQWA. Explore our amazing Coral Coast and investigate the sea life that makes this area of coastline so unique. This is a course for young writers who will draw inspiration from the stimulating displays at AQWA to create their own picture books.	\$70
Fri	9:00 AM	11:00 AM	AQWA	7-Sep	23-Nov	10	Kirsteen McCrory	Science	AQWA Experts	Become a marine scientist as you study at AQWA. You will learn about the weird and wonderful science of ocean animals and their environments: from experts, observation and personal research. This course involves the identification, classification and field research of marine creatures. You will keep an observational and reflective journal and keep records of your research as you prepare to become an expert yourself. The course culminates in a presentation of your findings to an audience, with you as the 'AQWA Expert'.	\$70
Mon	9:00 AM	11:15 AM	Creaney PS	3-Sep	19-Nov	10	Kirsteen McCrory	Humanities and Social Sciences	Google Doodle	Google Doodles are the "fun, surprising and sometimes spontaneous changes that are made to the Google logo to celebrate holidays, anniversaries, and the lives of famous artists, pioneers and scientists." Use this course as an opportunity to explore interesting, little-known or obscure ideas, objects and people and to create your own visual or animated 'Doodles'. You will delve into the Doodle archives and explore possibilities before developing your own ideas and innovations. You will also be encouraged to submit your ideas as proposals to Google, at the end of the course.	\$10

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Mon	12:15 PM	2:30 PM	Creaney PS	3-Sep	19-Nov	10	Tara Hannent	Health & Physical Education	Sports Science	Do you love sport? Discover the science behind elite athletes' performances. Study muscles and how athletes can improve them. Find out how smoking, drugs and diet affect sporting performance. Learn how to use fitness testing equipment, conduct experiments, speak to top athletes and learn how they train. Become a 'Sports Scientist'.	\$15
Tue	9:00 AM	11:15 AM	Creaney PS	4-Sep	20-Nov	10	Kirsteen McCrory	Science	Vet Science	Do you aspire to be a vet one day? Join us as we learn about animal anatomy and physiology; consider the importance of animals in society and debate ethical issues! Apply your knowledge to a Fantasy Vet Task. Prepare to meet and learn from the volunteers at Kanyana Wildlife Rehabilitation Centre.	\$35
Tue	12:15 PM	2:30 PM	Creaney PS	4-Sep	20-Nov	10	Kirsteen McCrory	Mathematics	World of Maths	To infinity and beyond! Are you interested in exploring the world of maths while gaining a deeper understanding of how it all works? This course will take you on a journey of mathematical discovery where you can explore the hidden, and not so hidden, applications of mathematics in our world. For those who love maths...or don't love maths yet!	\$10

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Mon	11:45 AM	2:30 PM	Creaney PS & Parliament House	3-Sep	19-Nov	10	Kirsteen McCrory	Humanities and Social Sciences	PEAC Parliamentarians	Are you passionate about your community and the future of WA? This is a UNIQUE opportunity for you to start your leadership campaign. The course is split between Creaney PEAC Centre and Parliament House! Working with former PEAC teacher, now Member of Parliament, Sabine Winton, you will spend several of the sessions in Chambers at Parliament House. You will get the opportunity to sit on the front benches and to plan and present an issue that matters to you, for presentation to your peers and parents in Parliament. Note start times vary from 11.45am - 12.15pm depending on location. This course also includes a special event on Tuesday 16th October where you will observe Parliament in session, be guests for lunch in the Members' dining room, meet MPs and perhaps even the Premier, Mark McGowan. Be prepared to give it your all. An opportunity not to be missed!	\$10
Tue	9:30 AM	11:30 AM	Filmbites	4-Sep	20-Nov	10	Donna Wilson	The Arts	On Your Way to Hollywood	This course develops a practical understanding and skills in the fundamental principles of screen acting. Students will learn about voice, movement, naturalism, hitting the mark, focus and redirection. Activities cover crew roles and commands, the use of video camera, microphone, boom pole and clapper which will be taught by specialised staff at Filmbites Youth Film School.	\$100

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Mon	12:15 PM	2:30 PM	Governor Stirling SHS	3-Sep	19-Nov	10	Narina Christensen	History	Hashtag History	History is the story of humanity from the earliest days to the present day. It is the story of changing human cultures, politics, lifestyles, beliefs and creativity. Today a lot of what will be 'our history' is played out in social media and on TV. Let's have some fun and explore how the stories of historic events from hundreds or thousands of years ago, would have been told using the social media tools and TV programs of today.	\$10
Wed	9:20 AM	11:35 AM	Governor Stirling SHS	5-Sep	21-Nov	9	Alan Slater	English	StoryCraft	Take your story writing to the next level. Explore the essential elements for crafting a compelling story. Develop your writing skills further in the entertaining and fast paced chain story task. Make your own masterpiece and bring it to life in a virtual 3D world using the power of MinecraftEdu.	\$10
Thu	12:15 PM	2:30 PM	Governor Stirling SHS	6-Sep	22-Nov	10	Narina Christensen	Science	Fizz! Pop! Bang!	This is a course all about how and why chemical reactions occur. You will explore subatomic particles, elements of the Periodic Table, the bonds that hold matter together and how these bonds are broken during a chemical reaction to produce totally new substances. Discover ways to speed up or slow down the rate of reactions. Spend time in the Science lab carrying out investigations to see what will fizz, pop or bang!!	\$20

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Fri	12:30 PM	2:30 PM	Kings Park	7-Sep	23-Nov	10	Carol Callaghan	Humanities and Social Sciences	Kings Park Rangers	"Kings Park is one of the world's largest and most beautiful inner city parks. It has an international reputation for scientific research, leading horticulture, conservation and public education." Join us as we undertake a variety of field studies involving seed regeneration and the conservation of our unique Western Australian flora. We will also be looking at the history of the Nyoongar people and the significance of Kings Park in days gone by. Once you have developed a greater understanding and appreciation of the historical role Kings Park has played over time and how it has changed, seek to share your plan and vision for the preservation of Kings Park for future generations.	\$65
Mon	9:00 AM	11:15 AM	Kinross PS	3-Sep	19-Nov	10	Jane Caswell	Science	What's the Diagnosis?	In this course, you will explore the physical and historical impacts of disease. You will begin by researching cells, bacteria, and viruses and the role of each in the body then study different diseases (e.g., common cold, HIV/AIDS, bubonic plague) and their impacts on the body. Choose one disease and track its history through time, culminating in a formal presentation of your research, discussing its history, ways to fight the disease, what could hinder this progress, ethical issues in researching and fighting the disease, and economic impacts of the disease. A must for budding doctors, nurses, researchers and medical professionals.	\$10

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Mon	12:15 PM	2:30 PM	Kinross PS	3-Sep	19-Nov	10	Jane Caswell	Health & Physical Education	Zentangle@PEAC	<p>“Anything is possible, one stroke at a time” Zentangles are a form of art which have specific steps which anyone can achieve. Studies have shown that practising this art-form increases mental retention, stimulates creativity, improves one’s mood, calms and resets the brain. In this course you will learn how to create your own Zentangles whilst also studying the physiological effects on your body using scientific methodology. Are previous studies correct? Can you replicate them? What are your results and conclusions? This course combines mental health with art and science to create unique opportunities for you. Course costs include an incursion by a Certified Zentangle Teacher plus all materials, which are then yours to keep and use into the future.</p>	\$55
Tue	9:00 AM	11:15 AM	Kinross PS	4-Sep	20-Nov	10	Jane Caswell	Humanities and Social Sciences	Magical Musical Tour	<p>Do you love music? Do you find yourself singing along to all of the lyrics? Are you interested to find out how music has influenced history and culture, and how culture has influenced music? This course gives you the opportunity to listen to a wide variety of songs from different genres and eras. Use your love of music and of language to explore and analyse the literary elements in the lyrics of songs. You will research a person, event or era related to a song of your choice and perhaps even write a song or poem of your own.</p>	\$10

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Mon	9:00 AM	11:15 AM	Mt Claremont PS	3-Sep	19-Nov	10	Kate Brough	Technologies	Full STEAM Ahead	Join the PEAC 'STEAM' train of science, technology, engineering, the arts and maths in this exciting, practical course which is designed to encourage students to assess new situations, think creatively and analytically and develop 21st century problem solving skills. Through individual and collaborative tasks we will explore potential, kinetic and electrical energy, principles of flight, coding, robots, inventions, sculpture and more. This course includes specialist incursions. If you enjoy making, creating and perhaps sometimes breaking, jump on board!	\$50
Mon	9:00 AM	11:15 AM	Mt Claremont PS	3-Sep	19-Nov	10	Lorraine Chia	Humanities and Social Sciences	Inspired to Action	Are you passionate about making a difference? Whether it be protecting endangered species or joining the global fight against poverty or plastic pollution, this course is sure to get you started! Explore some of the many ways everyday heroes like you and I contribute to making the world a better place. Develop your creative problem solving skills, create an action plan and exhibit your findings at our Inspired to Action Expo!	\$10

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Mon	12:30 PM	2:45 PM	Mt Claremont PS	3-Sep	19-Nov	10	Kate Brough	English	Fantasy Quest	Embark on a journey to explore the most enduring literary genre of all time – fantasy fiction. If you love the magic, myths, maps, monsters and marvels encountered by characters such as Morrigan Crow, Percy Jackson, Bilbo Baggins and Harry Potter, this is the course for you. Prepare to have your imagination stimulated, creativity unleashed and writing talent nurtured. Devise a hero or heroine prepared to undertake a quest in an otherworldly realm of your own creation. Who will accompany your protagonist along the way? Who will prove to be their greatest nemesis? What terrible trials must they endure in order for good to triumph over evil? Their success or failure is in your hands. If you have always wanted to write your own novella, this course provides the perfect opportunity.	\$25
Mon	12:30 PM	2:45 PM	Mt Claremont PS	3-Sep	19-Nov	10	Lorraine Chia	Humanities and Social Sciences	Design My Restaurant	Discover the secrets of successful restaurant design as we explore reviews, marketing strategies and other behind the scenes decisions made by restaurateurs. How important are location, layout or branding in designing your own unique food haven? What will you do differently to keep diners coming back for more? Launch your ideas at our DMR Food Festival in session 9!	\$10

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Tue	9:00 AM	11:15 AM	Mt Claremont PS	4-Sep	20-Nov	10	Ashleigh Remigio	Technologies	Whacky Racers	In this course you will use your design, engineering, mathematical and scientific skills to build and road-test a racing machine. Learning about Newton's Laws of Motion will help you make the best racing machine that you can. How fast will your machine go? How far will it travel? How long will it take to stop? You will be expected to work methodically in a safe and mature manner – only highly responsible students should apply.	\$30
Tue	9:00 AM	11:15 AM	Mt Claremont PS	4-Sep	20-Nov	10	Velu Ramasamy	Mathematics	Mindstretch	Come and explore the world of mathematical codes, brain twisters and awesome puzzles. You will be using brain strategies in breaking secret codes, solving brain twisters and using problem solving skills to solve real life problems. Students will be exposed to mathematical strategies and MENSA type questions. Working independently and as a group, you will develop your thinking skills. Come and have fun in learning while stretching your mind.	\$20
Tue	12:30 PM	2:45 PM	Mt Claremont PS	4-Sep	20-Nov	10	Ashleigh Remigio	English	Harry Potter	Join other Harry Potter fans in this magical journey to Hogwarts at PEAC. How is your Latin? Do you need to cast a spell or two to rid your life of those irritating siblings? Ponder the puzzles of heredity as you examine the family tree of Harry and Hermione. Have you noticed how certain characters in the series are discriminated against? Shall we explore that the topic further? Let's cook and create a Harry Potter inspired feast! The Sorting Hat is waiting for you....	\$25

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Tue	12:30 PM	2:45 PM	Mt Claremont PS	4-Sep	20-Nov	10	Velu Ramasamy	Science	Blood & Guts @ Mt Claremont	Calling all budding doctors on a journey into the world of the human body. You will be dissecting real hearts, lungs and more. You will look deeply into how your body works, analyse the main organs and investigate some of the world's worst diseases. You will learn first aid from an Emergency Department nurse and apply this knowledge to a critical situation. Definitely not a course for the squeamish!	\$35
Wed	9:00 AM	11:15 AM	Mt Claremont PS	5-Sep	21-Nov	9	Kate Brough	History	Vicious Vikings	Take a trip back in time and immerse yourself in the fascinating world of the fearsome folk known as the Vikings. What would your name be? How would you earn your living? What did you wear? Were you afraid in battle? What happened when you died? Did you truly deserve to be called 'vicious'? In this fascinating course we will be reading the runes, glorifying the gods, mastering the mythology, shaking our shields, burnishing brooches and tasting some Viking vittles. Mighty Thor awaits your participation!	\$50
Thu	9:00 AM	11:15 AM	Mt Claremont PS	6-Sep	22-Nov	10	Lorraine Chia	Humanities and Social Sciences	From Bean To Bar	Have you ever wondered why chocolate has been part of our lives for thousands of years? In this course we will unravel the mysteries and myths that surround this delicacy from Theobroma cacao. We will also explore the idea of 'Fair Trade' and how it helps to make the world a better place. Work with a chocolatier to create new ideas for your own chocolate product and use your enterprising skills to market your creation!	\$20

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Thu	12:30 PM	2:45 PM	Mt Claremont PS	6-Sep	22-Nov	10	Lorraine Chia	Science	CSI PEAC	Enter the fascinating world of forensic science as we learn the skills and techniques used by detectives to identify victims and find the criminals. Study graphology, entomology, fingerprinting, chromatography, blood spatters and DNA analysis. Join us as we create our very own crime scene.	\$25
Fri	9:00 AM	11:30 AM	Mt Claremont PS	7-Sep	23-Nov	10	Wendy Hawkes	Technologies	Robotics @ Mt Claremont	Design, build and program Lego robots using Mindstorms EV3 kits and software. Devise your own challenges and solve them by applying your creative problem solving abilities, logical thinking, newly acquired programming skills and persistence. During this course, you will also investigate the use of robots in today's society and the possibilities for the use of robots in the future.	\$15
Mon	9:00 AM	2:00 PM	North Balga PS	3-Sep	15-Oct	5	Carol Callaghan	Technologies	Robotics A	Experiment with Mindstorms robots for five full days. Devise your own challenges and solve them by applying your newly acquired knowledge and your creative problem solving expertise. Group challenges are an option, if you prefer. This course will also enable you to undertake an in-depth investigation into how robots are used in today's society and the possibilities for the use of robots in an area of your choice.	\$15
Mon	9:00 AM	2:00 PM	North Balga PS	22-Oct	19-Nov	5	Carol Callaghan	Technologies	Robotics B	Experiment with Mindstorms robots for five full days. Devise your own challenges and solve them by applying your newly acquired knowledge and your creative problem solving expertise. Group challenges are an option, if you prefer. This course will also enable you to undertake an in-depth investigation into how robots are used in today's society and the possibilities for the use of robots in an area of your choice.	\$15

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Tue	9:00 AM	11:15 AM	North Balga PS	4-Sep	20-Nov	10	Carol Callaghan	Science	Brain Gym	In this course you will challenge different parts of your brain that you may not normally use or consciously be focussed on in order to optimise your creative and higher order thinking skills. Test and improve your memory, as well as your ability to think laterally and creatively by using the same strategies Todd Sampson introduced in the popular TV show "Re-energize your Brain". Juggling will be just one of the strategies we will be using to improve our flexibility of thinking.	\$20
Tue	12:15 PM	2:30 PM	North Balga PS	4-Sep	20-Nov	10	Carol Callaghan	English	Fantastical Journeys	Use your imagination and study techniques involving visual imaging to write truly unique tales of fantasy and mayhem. We will be mixing up ideas and weaving magical tales to delight all. Are you someone who creates dynamic mental pictures or daydreams? If you are, this course is for you.	\$15
Wed	9:00 AM	11:15 AM	North Balga PS	5-Sep	21-Nov	9	Carol Callaghan	Science	The Cosmos	What do we think of when we consider the Cosmos? Well, it's a super BIG, BIG place with lots going on and new discoveries being made every day. Did you know supernovas help us determine the age of the universe and that the universe is still expanding? Connecting to the idea of an expanding universe is the intriguing phenomenon known as the "cosmological constant" which is a homogeneous energy density that causes the expansion of the universe to accelerate. If you love learning how the universe works, this course will certainly get you acquainted with some mind blowing concepts and discoveries. There will also be an excursion to the Planetarium at Scitech on Wednesday, 19th September, 9.30 am to 12 Noon.	\$25

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
			Online	3-Sep	23-Nov	10	Alan Slater	Science	Online - Mythbreakers	The popular television program, "Mythbusters" is based on the concept of exploring urban myths and investigating to see if they can be confirmed, seen as plausible or completely busted". You will examine a number of myths, Develop your science investigation skills and select a myth you wish to study in depth, set up the testing conditions to confirm or break those myths!	\$0
			Online	3-Sep	23-Nov	10	Narina Christensen	Mathematics	Online - Brainbusters Challenge	Are you ready to stretch your thinking skills and give your brain a workout? Can you think logically and laterally?? Can you answer this question: "What is it the more you take away, the larger it becomes?" If you answered yes to any or all of these questions, then this course is for you!	\$0
			Online	3-Sep	23-Nov	10	Narina Christensen	Humanities and Social Sciences	Online - The Time Traveller	Join Trev on a time travelling adventure that will help you sharpen your skills as a time traveller. Solve mysteries, create adventures and delve into the exciting past. You will need to bring your problem solving skills, imagination and creativity with you, so get packing!	\$0
Fri	9:30 AM	11:30 AM	Scitech	7-Sep	23-Nov	9	Lorraine Chia	Science	Lab Techs AM	Work like a real scientist in the CSIRO Laboratory at Scitech where you will be conducting a range of experiments to record your results and draw valid conclusions. Become an expert at using the scientific process and conduct an investigation of your own choosing at home. Parents will need to transport their children to and from Scitech for the duration of the course.	\$65

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Fri	12:30 PM	2:30 PM	Scitech	7-Sep	23-Nov	9	Lorraine Chia	Science	Lab Techs PM	Work like a real scientist in the CSIRO Laboratory at Scitech where you will be conducting a range of experiments to record your results and draw valid conclusions. Become an expert at using the scientific process and conduct an investigation of your own choosing at home. Parents will need to transport their children to and from Scitech for the duration of the course.	\$65
Mon	9:00 AM	11:15 AM	Weld Square PS	3-Sep	19-Nov	10	Donna Wilson	Technologies	Codemaster	In this course you will be supplied with an Arduino compatible starter kit. You will plug the microcontroller board into your USB port, write your code and hit download to control electronic lights, sensors and motors. The code is easy to learn and has huge capabilities. There are many ideas for projects on the internet so after learning the basics you can choose your own project. It's the ultimate link between coding and electronics!	\$45
Tue	9:20 AM	11:35 AM	Weld Square PS	4-Sep	20-Nov	10	Alan Slater	Mathematics	Chess	Brush up your chess skills. Learn new strategies, take on opponents, climb the leader board and prepare yourself for the Grand Final Chess Challenge. Create your own chess game variation! No prior experience necessary.	\$10
Tue	12:15 PM	2:30 PM	Weld Square PS	4-Sep	20-Nov	10	Alan Slater	Science	Blood & Guts @ Weld Square	Calling all budding doctors on a journey into the world of the human body. You will be dissecting real hearts, lungs, eyes and more. You will look deeply into how your body works, analyse the main organs and investigate some of the world's worst diseases. You will learn first aid from an Emergency Department nurse and apply this knowledge to a critical situation. Definitely not a course for the squeamish!	\$35

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Thu	9:00 AM	11:15 AM	Weld Square PS	6-Sep	22-Nov	10	Donna Wilson	Science	Rocketry	In this course you will build and launch your own model rocket! Learn about electronic circuits and solder your own ignition switch. Managing your time and resources efficiently, applying knowledge of aerodynamic forces and laws of motion and conducting your own scientific research will help you to achieve the best possible results. How high will your rocket soar? Safety procedures must be followed – this is a course for very responsible students only.	\$50
Mon	9:00 AM	11:15 AM	Yuluma PS	3-Sep	19-Nov	10	Velu Ramasamy	Science, Technology, Engineering and Mathematics	STEM Inc.	What do a volcano, a rocket, a bridge, a robot and a marble run have in common? STEM! Come and experience STEM Inc., an integrated and interdisciplinary approach to understanding Science, Technology, Engineering and Mathematics. Students will use different tools and strategies including Makey Makey, building structures and everyday materials to understand the world we live in and solve real-life problems. You will be immersed in the process of identifying a problem, brainstorming solutions, designing and building prototypes, testing and evaluating your design and sharing your findings.	\$15
Mon	12:30 PM	2:45 PM	Yuluma PS	3-Sep	19-Nov	10	Velu Ramasamy	Science	Mythbreakers	This course is based on the popular television series "Mythbusters". Students work in small groups to test various myths. Students study about reliability and validity in data collection. Students will question, analyse and debate about various myths and beliefs that people around the world believe in. Using scientific methods, students will test and solve these 'myths'.	\$25

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Tue	9:00 AM	11:15 AM	Yuluma PS	4-Sep	20-Nov	10	Lorraine Chia	Humanities and Social Sciences	Shark Tank	Have a winning concept or invention in mind? Unsure of how or where to start? Based on the Network Ten series 'Shark Tank', this course develops skills in packaging and pitching your business ideas using the best bait, lines and smarts! Join us in your first step to entrepreneurship... who knows where this journey could lead!	\$10
Tue	12:30 PM	2:45 PM	Yuluma PS	4-Sep	20-Nov	10	Lorraine Chia	The Arts	What A Drama!	Actors often get bound by scripts and forget to create! Improvisation allows us the freedom to be spontaneous and develops our skills in character generation, team building, collaboration and connection. Incursions from 'Australian Institute of Theatre Sports' energise, inspire and keep us on our toes. Join us as we prepare for the unknown, achieve more with less and decision make in the moment!	\$35

To nominate courses, please proceed to the PEAC Web Based Preference System and follow the links:

www.northmetropeac.wa.edu.au