



*Investigate the origins and various incarnations of the extra-terrestrial Time Lord responsible for this international phenomenon of space, time and other dimensions in the course, Discovering Doctor Who.*



# Round Three Course Booklet

## 2017

### YEAR 5 & 6

# INTRODUCTION

This booklet contains information for Round Three 2017 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

Online courses are also available which students can undertake from home and/or school.

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.

## 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**  
**Fax 6323 3371**  
**Email: [admin@northmetropeac.wa.edu.au](mailto:admin@northmetropeac.wa.edu.au)**

Please visit our website for PEAC Centre Locations: [www.northmetropeac.wa.edu.au](http://www.northmetropeac.wa.edu.au)

## COURSE TIMETABLE ROUND THREE 2017

<b>Venue</b>	<b>Mon</b>		<b>Tue</b>		<b>Wed</b>		<b>Thu</b>		<b>Fri</b>	
	<b>AM</b>	<b>PM</b>	<b>AM</b>	<b>PM</b>	<b>AM</b>	<b>PM</b>	<b>AM</b>	<b>PM</b>	<b>AM</b>	<b>PM</b>
<b>Creaney</b>		Sports Science TH								
	From Bean to Bar KM	ReCreate KM	Google Doodle KM							
<b>Governor Stirling</b>			Chess AS	GameMaker Studio AS				Blood & Guts - Govo AS	Step Into History DW	
<b>Kinross</b>	What's the Diagnosis JC	Magical Musical Tour JC	Young Humanitarian TK	Harry Potter - Kinross TK						
<b>Mt Claremont</b>	Inspired to Action LC	Design My Restaurant LC	Vet Science LC	Full STEAM Ahead on Tue KB	Discovering Dr Who KB	Full STEAM Ahead on Wed KB	Shark Tank LC	What a Drama! LC	Robotics - Mt C WH	
	CSI PEAC VR	Blood & Guts - Mt C VR		A Novel Approach DK	Trendy Stats DK	Cartoon Connection DK				
<b>North Balga</b>			Robotics A + Robotics B - N.Balga CC					Without Words JT		
<b>Weld Square</b>	Rocketry DW	Doublings to Dollars DW			Code Master DW					
<b>Yuluma</b>	Harry Potter - Yuluma TK	Enigma Club TK	Culture Rocks VR	STEM Inc VR						
<b>Kings Park</b>										Kings Park Rangers CC
<b>AQWA</b>	AQWA Authors TH								AQWA Experts KM	
<b>Scitech</b>									Lab Techs AM CC	Lab Techs PM LC
<b>Filmbites</b>			On Your Way to Hollywood DW							

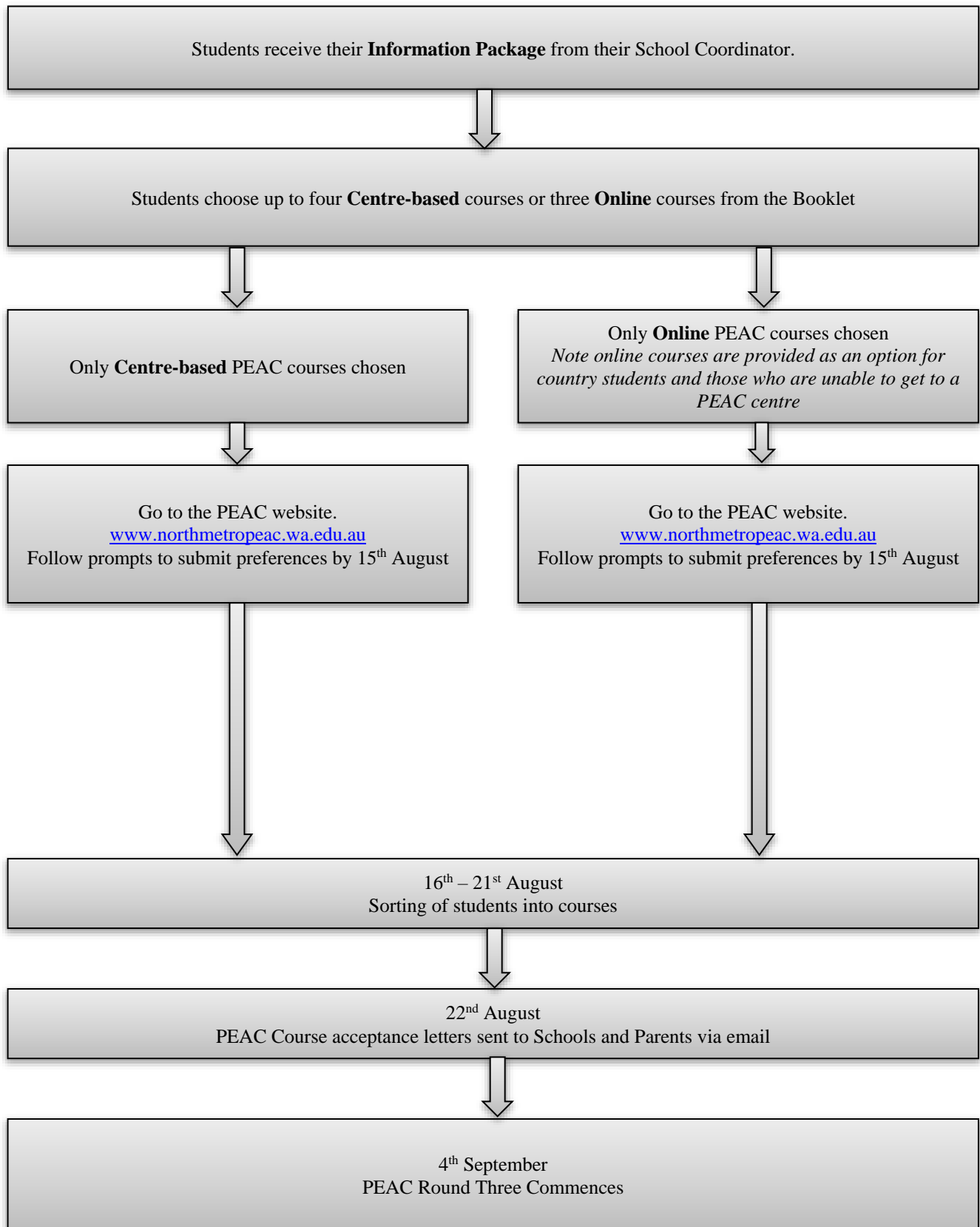
## PEAC 2017 ROUND 3 CALENDAR

PEAC WEEK	Monday	Tuesday	Wednesday	Thursday	Friday
<b>1</b>	4/9	5/9	6/9	7/9	8/9
<b>2</b>	11/9	12/9	13/9	14/9	15/9
<b>3</b>	18/9	19/9	20/9	21/9	22/9
	<i>School Holidays</i>				
<b>4</b>	9/10	10/10	11/10	12/10	13/10
<b>5</b>	16/10	17/10	18/10	19/10	20/10
<b>6</b>	23/10	24/10	25/10	26/10	27/10
<b>7</b>	30/10	31/10	1/11	2/11	3/11
<b>8</b>	6/11	7/11	8/11	9/11	10/11
<b>9</b>	13/11	14/11	15/11	16/11	17/11
<b>10</b>	20/11	21/11	22/11	23/11	24/11

Brainstorm Challenge  
Day  
- NO PEAC -

# PEAC Course Preference Process for Round 3 2017

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](http://www.northmetropeac.wa.edu.au) for updates.

## CENTRE-BASED COURSES

*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	4-Sep	20-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 factual storybooks.	\$70
Fri	9:00 AM	11:00 AM	AQWA	8-Sep	24-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	4-Sep	20-Nov	10	Kirsteen McCrory	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 that starts as Theobroma Cacao. We will also explore the idea of 'Fair Trade' and how it helps to make the world better. You will also work with a chocolatier to create new ideas for your own chocolate bar and use your enterprising skills to market your creation to the world.	\$25

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	4-Sep	20-Nov	10	Kirsteen McCrory	The Arts	ReCREATE	In a world where we are encouraged to Reduce, Re-Use and Re-Cycle...Why not RECREATE? Take this opportunity to explore possibilities for breathing new life into previously used materials and objects then rise to the challenge of creating high quality new items of beauty and use.	\$10
Mon	12:15 PM	2:30 PM	Creaney PS	4-Sep	20-Nov	10	Tara Hannent	Science	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'.	\$25
Tue	9:00 AM	11:15 AM	Creaney PS	5-Sep	21-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
Tue	9:30 AM	11:30 AM	Filmbites	5-Sep	21-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
Tue	9:20 AM	11:35 AM	Governor Stirling SHS	5-Sep	21-Nov	10	Alan Slater	Mathematics	Chess	Brush up your chess skills. Learn new strategies, take on opponents, climb the ladder and prepare yourself for the Grand Final Chess Challenge. Create your own chess game variation! No prior experience necessary.	\$10
Tue	12:15 PM	2:20 PM	Governor Stirling SHS	5-Sep	21-Nov	10	Alan Slater	Technologies	GameMaker Studio	The long awaited Gamemaker Studio is here! Design and create your own computer games through planning, problem solving, investigation and patience. Use drag and drop action sequences and develop coding skills by incorporating scripting language to develop more advanced games. You will place them on your very own gaming website. Who knows? Your games may become famous!	\$20
Thu	12:15 PM	2:20 PM	Governor Stirling SHS	7-Sep	23-Nov	10	Alan Slater	Science	Blood & Guts - Govo	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
Fri	9:20 AM	11:35 AM	Governor Stirling SHS	8-Sep	24-Nov	10	Donna Wilson	Humanities and Social Sciences	Step Into History	Are you an upcoming historian? Would you like to retrace the steps of Captain James Stirling? In this course you will visit a heritage listed building to uncover the stories of the many occupants who lived there. You will have access to historical documents and primary sources of information and will discover firsthand what life was like in Perth two centuries ago. This course is a special collaboration with the National Trust and includes five visits to Woodbridge House to see what the public does not see!	\$45



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	15-Sep	24-Nov	9	Carol Callaghan	Humanities and Social Sciences	Kings Park Rangers	There is no other National park quite like Kings Park in size or diversity. Kings Park is one of the world's largest and most beautiful inner city parks. It is rich in Aboriginal and European history, contemporary culture and offers innovative design, displays and services. Kings Park has an international reputation for scientific research, leading horticulture, conservation and public education. Join us as we discover all it has to offer.	\$70
Mon	9:00 AM	11:15 AM	Kinross PS	4-Sep	20-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
Mon	12:15 PM	2:30 PM	Kinross PS	4-Sep	20-Nov	10	Jane Caswell	Humanities and Social Sciences	Magical Musical Tour	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.	\$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	Kinross PS	5-Sep	21-Nov	10	Teresa Keesing	Humanities and Social Sciences	Young Humanitarian	Do you know the difference between a refugee, an asylum seeker, and a migrant? Have you ever wondered what it would be like to walk in the shoes of these people, or to witness their stories and experience the choices they are forced to make and the challenges they face? Understand the facts and dispel the myths and misunderstandings while learning about the humanitarian role of the Red Cross. Have fun participating in role-play, simulation games, philosophical discussions and debates while you and your team create unique solutions for complex problems.	\$15
Tue	12:15 PM	2:30 PM	Kinross PS	5-Sep	21-Nov	10	Teresa Keesing	English	Harry Potter - Kinross	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. Maybe herbology is your speciality. The Sorting Hat is waiting here for you....	\$20
Mon	9:00 AM	11:15 AM	Mt Claremont PS	4-Sep	20-Nov	10	Velu Ramasamy	Science	CSI PEAC	Enter the fascinating world of Forensic science as we learn the skills and technologies used by detectives to identify crimes and find the criminals. Study medical scans, entomology, fingerprinting, blood splatters, DNA Analysis and more. Join us in the Crime Scene Investigations.	\$25
Mon	9:00 AM	11:15 AM	Mt Claremont PS	4-Sep	20-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, 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 be the change you wish to see!	\$20

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Mon	12:30 PM	2:45 PM	Mt Claremont PS	4-Sep	20-Nov	10	Velu Ramasamy	Science	<b>Blood and Guts - Mt C</b>	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
Mon	12:30 PM	2:45 PM	Mt Claremont PS	4-Sep	20-Nov	10	Lorraine Chia	Humanities and Social Sciences	<b>Design My Restaurant</b>	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?	\$20
Tue	9:00 AM	11:15 AM	Mt Claremont PS	5-Sep	21-Nov	10	Lorraine Chia	Science	<b>Vet Science</b>	Do you aspire to be a vet one day? Join us as we learn some basics of animal anatomy and physiology, consider the importance of animals in society and debate ethical issues! Kanyana Wildlife Rehabilitation Centre visit to share their expertise on animal diseases, complete with some mammals, birds and reptiles in tow!	\$40
Tue	12:30 PM	2:45 PM	Mt Claremont PS	5-Sep	21-Nov	10	Deb Kempe	English	<b>A Novel Approach</b>	Attention readers and book lovers...If you love reading, thinking, discovering new authors and genres, then this is the course for you. Using a "novel approach" we will develop your analytical and reasoning skills.	\$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	5-Sep	21-Nov	10	Kate Brough	Science	<b>Full STEAM Ahead on Tue</b>	Join the PEAC train of science, technology, engineering, the arts and maths in this exciting 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, students will apply the 6 `P's of passion, planning, pitch, project, product and presentation. Together we will explore concepts such as potential, kinetic and electrical energy, principles of flight, weights and balances, levers and pulleys, architecture, inventions and more. If you enjoy making, creating and perhaps sometimes breaking, this could be the course for you.	\$45
Wed	9:00 AM	11:15 AM	Mt Claremont PS	6-Sep	22-Nov	9	Kate Brough	The Arts	<b>Discovering Doctor Who</b>	Calling all Doctor Who fans, old and new! Hop aboard the TARDIS to encounter deadly Daleks, creepy Cybermen and petrifying Peg Dolls. Learn to write articles for your own fanzine, make marvellous masks and models and study the social contexts of this iconic television series. Investigate the origins and various incarnations of the extra-terrestrial Time Lord responsible for this international phenomenon of space, time and other dimensions. Be quick! The next regeneration is happening soon!	\$45
Wed	9:00 AM	11:15 AM	Mt Claremont PS	6-Sep	22-Nov	9	Deb Kempe	Mathematics	<b>Trendy Stats</b>	Are you a numbers person... kicks in footy, blue Smarties in a packet, chance of rain, hit singles? Join us as we explore the use of statistics in real life situations such as the stock market, sport, health, animal antics and your own area of interest.	\$30

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Wed	12:30 PM	2:45 PM	Mt Claremont PS	6-Sep	22-Nov	9	Deb Kempe	The Arts	Cartoon Connection	Join Cartoonist, Tim Wilson, as he leads you through many aspects of cartooning. Improve your drawing techniques; develop the art of caricature, animation, special effects and political satire. Analyse topical issues, use social commentary and employ your cartooning skills to express your ideas in creative and humorous ways.	\$80
Wed	12:30 PM	2:45 PM	Mt Claremont PS	6-Sep	22-Nov	9	Kate Brough	Science	Full STEAM Ahead on Wed	Join the PEAC train of science, technology, engineering, the arts and maths in this exciting 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, students will apply the 6 `P`'s of passion, planning, pitch, project, product and presentation. Together we will explore concepts such as potential, kinetic and electrical energy, principles of flight, weights and balances, levers and pulleys, architecture, inventions and more. If you enjoy making, creating and perhaps sometimes breaking, this could be the course for you.	\$45
Thu	9:00 AM	11:15 AM	Mt Claremont PS	7-Sep	23-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 hit 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!	\$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	7-Sep	23-Nov	10	Lorraine Chia	The Arts	What a Drama!	Ever played a game where you are actually meant to stuff up?! 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. Join us as we prepare for the unknown, achieve more with less and decision make in the moment!	\$30
Fri	9:00 AM	11:15 AM	Mt Claremont PS	8-Sep	24-Nov	10	Wendy Hawkes	Technologies	Robotics - Mt C	An opportunity to design, build and program robots using Lego Mindstorms EV3 technology. Devise your own challenges and solve them by applying your creative problem solving abilities, 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.	\$25
Tue	9:00 AM	2:00 PM	North Balga PS	19-Sep	24-Oct	4	Carol Callaghan	Technologies	Robotics A - N.Balga	Robots are the way of the future, but also an important part of our modern, technological world. Discover how EV3 robots can be designed, built and controlled using the Mindstorms Lego kits and accompanying software. In this course you will need to meet particular design and programming challenges where your knowledge of mechanics and the basic laws of physics will be a definite advantage. Remember, a robot relies on human commands for every specific movement or series of manoeuvres it makes. Strong problem-solving skills and logical thinking will serve you well in this course.	\$25

Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Tue	9:00 AM	2:00 PM	North Balga PS	31-Oct	21-Nov	4	Carol Callaghan	Technologies	Robotics B - N.Balga	Robots are the way of the future but are also very much an important part of our world today. Discover how EV3 robots can be designed, built and controlled using the Mindstorms Lego kits and accompanying software. In this course you will need to meet particular design and programming challenges where your knowledge of mechanics and the basic laws of physics will be a definite advantage. Remember, a robot relies on human commands for every specific movement or series of manoeuvres it makes. Strong problem-solving skills and logical thinking will serve you well in this course.	\$25
Thu	12:30 PM	2:45 PM	North Balga PS	7-Sep	23-Nov	10	Jane Thomas	English	Without Words	Do we need words to convey a message? What about secret codes, symbols, pictographs, emoticons or body language? Can you think of any other ways? If you are interested in exploring a whole range of communication techniques and you enjoy challenging yourself and your classmates to decode messages and decipher meanings, then this is the course for you.	\$15
Fri	9:30 AM	11:30 AM	Scitech	8-Sep	24-Nov	9	Carol Callaghan	Science	Lab Techs AM	Is science your passion? 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 conclusions. Become an expert using the Scientific Process and conduct an experiment of your own choosing at home.	\$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	8-Sep	24-Nov	9	Lorraine Chia	Science	Lab Techs PM	Is science your passion? 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 conclusions. Become an expert using the Scientific Process and conduct an experiment of your own choosing at home.	\$65
Mon	9:00 AM	11:15 AM	Weld Square PS	4-Sep	20-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	12:30 PM	2:45 PM	Weld Square PS	4-Sep	20-Nov	10	Donna Wilson	Mathematics	Doubloons to Dollars	You will be given a fictitious million dollars to develop your own theme park. Budget wisely and watch your profits grow! Do you love Numismatics? This is the ultimate course about money and financial mathematics! You are growing up in a fast-paced consumer society where money is increasingly invisible. You will learn about the history of money from bartering to bit coins and world currencies. Included is a tour of the Perth Mint and a gold pour excursion on 16th October where parental transport is required.	\$20



Day	Start Time	Finish Time	Venue	First Session	Last Session	Weeks	Teacher	Learning Area	Course	Course Content	Cost
Wed	9:00 AM	11:15 AM	Weld Square PS	6-Sep	22-Nov	9	Donna Wilson	Technologies	Code Master	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
Mon	9:00 AM	11:15 AM	Yuluma PS	4-Sep	20-Nov	10	Teresa Keesing	English	Harry Potter - Yuluma	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. Maybe herbology is your speciality. The Sorting Hat is waiting here for you....	\$20
Mon	12:30 PM	2:45 PM	Yuluma PS	4-Sep	20-Nov	10	Teresa Keesing	Humanities and Social Sciences	Enigma Club	Are you clamouring for brain teasers, games of logic, conundrums, riddles and word games to challenge, perplex and entertain you? Come and join our club where you will gain secret knowledge and learn some new and very old ways to challenge your brain. Investigate and educate your classmates about a cryptic challenge from history. It will be a cerebral feast!	\$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	Yuluma PS	5-Sep	21-Nov	10	Velu Ramasamy	Humanities and Social Sciences	<b>Culture Rocks!</b>	Culture Rocks looks at Cultural Anthropology; the study of human cultures, beliefs, practices, values, ideas, technologies and economies. Discover the languages spoken, places of worship, Gods and Deities of some of the universal religions, festivals celebrated, types of food eaten, music and artistic expression. Take a journey into exotic places and join us as we explore and develop our appreciation of different cultures observed by our neighbours in nearby regions.	\$20
Tue	12:30 PM	2:45 PM	Yuluma PS	5-Sep	21-Nov	10	Velu Ramasamy	Science	<b>STEM Inc.</b>	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 Science, Technology, Engineering and Mathematics. Learn the 21st Century learning skills and knowledge that are shaping the globe by using multiple lenses and perspectives in understanding the world we live in and solving real life problems. You will be immersed in the Engineering Design process; of identifying a problem, brainstorming solutions, building prototypes, testing and evaluating and sharing these results.	\$25

# PEAC ONLINE COURSES ROUND THREE 2017

The PEAC Online program offers courses to PEAC students who have trouble accessing courses at the regular PEAC Centres, or who prefer to learn in a more independent and flexible manner. The online learning environment we use in PEAC Online is the same one used by the online secondary selective program for country students.

By participating in an online PEAC course the students have the opportunity to:

- Develop specific course content outcomes from a variety of Learning Areas;
- Develop skills in personal self-management and using information and communication technologies to share their learning; and
- Work with other like-minded peers from across Western Australia in an innovative learning environment.

Students should be aware that it **requires a good deal of self-discipline** to complete an Online course and that the activities will be as challenging as, if not more challenging than, 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 on the next page.

## ONLINE COURSE DETAILS

Course	Course Content
Online – Maths Olympiad  Mathematics	Join the competition to see who will be the PEAC Mathematical Olympian for Round One, 2016. Each week you will be training for the Olympiad by solving a range of problems and explaining the strategies you used. This training will culminate in the “PEAC Mathematical Olympiad” where you will pit your problem solving skills against your fellow ‘Mathletes’.
Online – CSI Forensics Science, English	Become a Crime Scene Investigator and learn the forensic techniques that are used to catch Criminals. Practise fingerprinting, handwriting analysis, DNA analysis, chromatography and more as you use the evidence and your own deductive thinking to solve a crime online.
Online – Hogwarts Challenge  Science	Join all the other Muggles with special talents at Hogwarts as you develop your knowledge and skills. Find out where the sorting hat places you! Work with other students in your House to master Potions, Herbology, Transfigurations, and Muggle Studies. Let the challenge begin!!

*\*\*Online course nominations are now made in the same way as centre based courses\*\**

**To nominate for Centre-based or Online courses, please proceed to the PEAC Web Based Preference System and follow the links:**

[www.northmetropeac.wa.edu.au](http://www.northmetropeac.wa.edu.au)