



“ *Imaginarium* -
a place for
minds to **expand**
and **soar** ”

Contact Us

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About Us

The *Imaginarium* is an initiative that is unique to Perth College to cater specifically for gifted girls of very high ability. It is a place where minds can expand and soar - where innovation, curiosity and creativity are encouraged, and rigorous academic learning and problem-solving occurs. The *Imaginarium* is a challenging and motivating environment to enhance learning for gifted girls. Courses are designed as extension experiences beyond the child's enrolled year level at school.

Imaginarium courses are open to gifted girls who attend any school in Western Australia.

www.trybooking.com/RLUT



October 2017
Holiday
Courses



Perth College
Anglican School for Girls

Through their eyes: An animal's perspective

Years 2 to 6

Do you often wonder what an animal might be thinking when they are looking at you? Do you think about their ecological environment and how they feel when it is destroyed?

Animals live everywhere from the deserts to the rainforests, rivers, wetlands and sea. They have different structures and functions, behaviours, styles of reproduction and physiology that enable them to live in their ecosystems. What happens when their ecological environment is destroyed? Participants will empathise from an animal's perspective, considering all factors, translating their response into words through creative writing or a visual art work.

Includes an incursion with a Zoologist.



**Wednesday 4 and Thursday 5 October
(9.00 am – 4.00 pm) at Perth College \$200**

Biomechanics

Years 3 to 6

Are you interested in exploring the biology behind what makes us human? Are you ready to uncover the tools that will prepare you to solve the medical mysteries and problems of the future?

Innovations and discoveries in STEM fields require us to use what we have learnt from those who came before us as a spring board to make the next big discoveries. In this course, participants will explore the history of scientific knowledge in the field of health with hands-on experiments in the laboratory and use this to design and develop an innovative and unique product to address the health issues of the future. STEM specialist, Dr Ellen Fortini will be facilitating this course.

Includes an incursion with a Bioengineering Research Scientist.

**Monday 2 and Tuesday 3 October
(9.00 am – 4.00 pm) at Perth College \$200**

Space Engineering

Years 4 to 6

Are you curious about the unique constraints of the space environment? Have you considered the complex multi-disciplinary systems engineers need to consider in their role?

Future Space Engineers will explore complex multi-disciplinary systems, including terrestrial support systems. They will differentiate between space engineering and terrestrial engineering, considering the unique constraints of the environment in space and implementing these concepts when engineering their own design. On the excursion to ICRAR, participants will meet Astro Physicists and use computer software to solve a problem. This course will be facilitated by Mr Daniel Kaars, who worked as a mechatronics engineer prior to his teaching role at Perth College.

Includes an excursion to the International Centre for Radio Astronomy Research at UWA

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The Art of Visual Persuasion

Years 5 to 7

How does an artist give voice to the voiceless through a visual artwork? How do they persuade, elicit emotion and provoke conversation through their piece?

Participants will explore the role of visual artworks throughout history in social, cultural and historical contexts. They will analyse the influences detected in art works over time and consider how each artist has stimulated these responses through their visual language. They will determine why the artist has chosen particular features and suggest why these have been used to convey a particular message. Participants will create their own piece inspired by an historical event or cause they are passionate about or curious to explore.

Includes an excursion to Lawrence Wilson Art Gallery at UWA.

**Monday 2 and Tuesday 3 October
(9.00 am – 4.00 pm) at Perth College \$200**