



Imaginarium



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.

July holidays

Explorology

Years 4-6

Throughout human history curious minds have endeavoured to uncover Earth's hidden resources. Will yours be the next curious mind to apply our knowledge of exploration to look beyond our planet and into the wider universe?

Asking and answering the big questions about exploration near and far takes imagination and courage. Budding Explorologists will have the unique opportunity to work with Molecular Biology specialist Dr Ellen Fortini to learn how explorers uncover unique life and resources on Earth. With insight into the technologies we use to explore our own planet, participants will be challenged to expand their thinking to tackle a big issue of the future; what will it take to stretch this exploration to the stars...and what are our responsibilities when doing this?

Includes an incursion with a Petroleum Engineer from Woodside Energy

Thursday 6 and Friday 7 July (9.00 am – 4.00 pm) at Perth College

\$200

Engineering Physicists

Years 4 to 6

Do you understand the physical principles underlying flight? Are you curious about aerodynamics and its place in the scientific revolution?

Innovation and collaborative problem solving are core skills for STEM careers. Through this course participants will explore the physical principles and interrelationships fundamental to flight. They will investigate engineering applications that interweave with classical and modern physics, chemistry, and mathematics through interactive hands-on experiments.

Includes an excursion to iFly Indoor Skydiving

Thursday 6 and Friday 7 July (9.00 am – 4.00 pm) at Perth College

\$200

Animaliers

Years 3 to 6

Are you passionate about animals? Do you enjoy the creative application of your passion into your artwork as an expression of your ideas?

Sculptured animals are created by artists who have a love of their art and fascination with their subject. Participants will explore the beauty of the animal world and the unique characteristics of animals they are curious about and captivated with. They will creatively apply their ideas to compose a three-dimensional art piece.

Includes a full-day workshop with talented artist, Si Hummerston

Monday 10 and Tuesday 11 July (9.00 am – 4.00 pm) at Perth College

\$200

Register: www.trybooking.com/QAOT