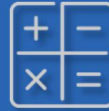




WHITES HILL
STATE COLLEGE



Academic Adventurers

Enrichment classes linked to the Australian Curriculum designed to expand and challenge young minds



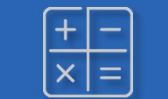
TECHNOLOGIES



THE ARTS



HUMANITIES



MATHEMATICS



ENGLISH



THE ARTS



SCIENCE

SEMESTER 1

Program Information

Monday and Wednesday afternoons

ROBOTICS & DESIGN – BEGINNERS

Suitable for Years 7 & 8

This subject is a combination of Digital Technologies and Design & Technologies. Utilising *First Lego League* challenges (a world-wide Lego competition) students will learn enhanced computational thinking, the design process and problem solving.

CREATIVE MUSIC TECHNOLOGY

Suitable for Years 5, 6, 7, 8 & 9

In this subject, students will have the opportunity to further explore a range of music technologies and gain a greater proficiency in sound recording, editing and mixing using digital technology, and sound recording equipment.

DRONE DIGITAL MAPPING

Suitable for Years 8 & 9

This subject introduces students to the application of drones as a mapping platform for a range of applications. This is a skills-based course in which students will gain hands on practical experience of developing mapping skills using drones and 3D images.

Program Information

Thursday and Friday afternoons

GAME THEORY

Suitable for Years 7, 8 & 9

Game Theory is the study of human cooperation and conflict in competitive situations. This program analyses existing games and real-world situations to determine strategies for best possible outcomes. Critical and creative thinking skills will be utilised to design, produce and pitch a market-ready game.

SCREENWRITING IN ACTION

(Leads onto *Film making in Action in Semester 2*)

Suitable for Years 8 & 9

This subject is designed for the new generation of story tellers. This course is suited for students with a passion for writing and who have great stories to tell. Students will learn about the importance of story and character development, how to structure a story, and the tools and language used by a screen writer.



ANALYTICAL SCIENCE

Suitable for Years 6, 7, 8 & 9

This subject is designed around 'spark the excitement' that stems from discovery. Students have the opportunity to further develop their scientific skills through delving into a wide range of analytical techniques which will provide them with the ability to carry our scientific tests to provide/disprove facts from fallacies.

SEMESTER 2

Program Information

Monday and Wednesday afternoons

ROBOTICS & DESIGN - ADVANCED

(Must have completed *Robotics & Design - Beginners*)

Suitable for Years 7 & 8

This subject builds on knowledge gained throughout the Robotics and Design Beginners course from Semester 1. Students' knowledge and skills will be assessed during their participation in the 2022 First Lego League Challenges against schools from across the globe.

CREATIVE MUSIC TECHNOLOGY

Suitable for Years 5, 6, 7, 8 & 9

Students will have the opportunity to further develop their skills in performance, writing, arranging and production. Students will have the opportunity to demonstrate the knowledge and skills that they have developed through a range of live, small and large ensemble performances.

THE HISTORY OF EVERYTHING

Suitable for Year 9

Exploring world history from the 'big bang' to the modern age - 50,000 years in a week! Students will use the latest technologies to be transported throughout time as 'history belongs to the past, but understanding it is the duty of the present' (*Shashi Tharoo*)

Program Information

Thursday and Friday afternoons

START YOUR ENGINES!

Suitable for Years 5, 6, 7, 8 & 9

Critical and creative thinking are essential skills for global citizens. Participation in this program will develop the mathematical and engineering skills necessary to fulfill the challenge of designing a scaled vehicle that is responsive to environmental challenges of the future. Students will design, analyse, test and make a scaled vehicle.

JOURNALISM IN THE 21ST CENTURY

Suitable for Years 8 & 9

This subject immerses students in the noisy world of digital journalism. We have more information at the tip of our fingertips than at any other point in history. Students will learn how to investigate a local news event, design and create a social media campaign and harness the trend of Click Bait for positive purposes.

FILM MAKING IN ACTION

(Must have completed *Screenwriting in Action in Semester 1*)

Suitable for Years 8 & 9

This subject is designed to follow on from our Screenwriting in Action course from Semester 1. This subject will allow our young story tellers to bring their scripts to life. Students will develop advanced film making and editing skills and will use state of the art equipment and technology to explore the elements of media arts.

THE WHOLE HUMAN

Suitable for Years 8 & 9

This subject explores the different components of what it means to be human – mind, body and consciousness – under the scientific strands of psychology, physiology and philosophy. Using experiments and inquiry based learning, students will develop a deeper understanding of the human body and how we function, behave and interact as an organism.