

*Year 9*  
**SUBJECT  
SELECTION**

2022



**CALVARY**  
CHRISTIAN COLLEGE



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learning design

Mr Josh Wilson



## HEAD OF MIDDLE AND SENIOR SCHOOL INNOVATIVE LEARNING DESIGN

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WELCOME TO STAGE 5 AT CALVARY! IT'S AN EXCITING TIME WHEN YOU GET THE OPPORTUNITY TO START CHOOSING YOUR OWN SUBJECTS AND LEARN MORE ABOUT WHO YOU ARE AND WHAT YOU LIKE. I HOPE YOU FIND ELECTIVES THAT INTEREST YOU, THAT CHALLENGE YOU, AND THAT YOU ENJOY.

Stage 5 electives are an opportunity to get a taste of what it is like to be in Senior where you get to choose your subjects and courses. What's great about Stage 5 electives is that they don't have the same academic pressure as Stage 6 electives, so this is a chance for you to explore, learn a new skill, and try something new.

*What subjects should I choose?*

You should choose subjects that interest you, that you think sound fun, and that will help you develop your skill sets. If you are struggling to find something you like on a line, choose an elective that will help you improve a skill set you may need later in life (for example, *Drama* would help you be a more confident speaker or *Dance* would help you be a better athlete). If you have two subjects you want to do on the same line, you will have to make a choice, but remember that you will get to choose all new subjects again at the end of Year 10.

### FAQ:

**Question:** If I want to do a Stage 6 subject (e.g. Film and TV) do I need to do the Stage 5 equivalent?

**Answer:** No. There are no Stage 5 prerequisites to Stage 6 classes.

**Question:** How many periods per week is an elective?

**Answer:** Three (one double and one single period).

**Question:** Can I change subjects after I start the course?

**Answer:** Yes.

**Question:** Can I do the same subject twice (e.g. Sport Pathways).

**Answer:** No.

**Question:** How will I choose my subjects?

**Answer:** You and your parents will be sent a survey link by email. Please complete the short survey

# Subject Lines

**LINE 1**

**LINE 2**

**LINE 3**

Dance	Drama	Digital Design and Production
Digital Design and Production	Entrepreneurship	Digital Technologies
Film, Audio, and Production	Robotics	Liberal Arts
Sport Pathways	Paddock to Plate	Sport Pathways
STEM	Sport Science	Visual Art

# Dance



## UNITS OF INQUIRY

SEMESTER 1: ACROBATICS AND  
BALANCE

SEMESTER 2: STREET DANCE  
AND HIP HOP

SEMESTER 3: DYNAMICS AND  
EXPRESSION

SEMESTER 4: PERFORMANCE  
AND CHOREOGRAPHY

Test your limits of strength and determination with this leading performing arts program. Dance will build your stamina, flexibility, technique and give you a wide exposure to the industry. With a range of style on offer including Acrobatics, Commercial, Theatre, Jazz and Contemporary, you'll push yourself to jump, turn, balance and contort like never before. Included in this course is the opportunity to perform and compete as well as workshop your own artistic style.

You'll work alongside your 'troupe' of talented peers, learning the lifelong skills involved in this team sport and artform. Whether you're preparing for audition post-graduation, building your position as a triple-threat, learning to express yourself or building skills as an athlete, this will be a fun and worthwhile way to spend your high school days.



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# Digital Design and Production



**UNITS OF INQUIRY**  
**SEMESTER 1: ENERGY AND ENTERTAINMENT**

**SEMESTER 2: RESTORE AND REUSE**

**SEMESTER 3: INDIVIDUAL DESIGN**

**SEMESTER 4: COMMUNITY DESIGN**

Discover the value of traditional manufacturing methods combined with new technologies. The design process allows you to add your own creative flair to projects where problem-solving is key, and one size doesn't fit all. This is your chance to transfer the creative ideas you have in your mind onto paper through sketching and using digital software and then bringing your designs to life using relevant tools that you're comfortable with in our industrial workshops.

Digital Design and Production (DDP) invites you to work with materials and tools of your choice. You will also be challenged to increase your skill level through using a wide variety of hand tools, power tools, and machinery on materials like timber, steel, plastics, and fabrics. The skills you'll gain in DDP will equip you to manage your own project work and allow you to use your skills to bless others.



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# Film, Audio, & Production



## UNITS OF INQUIRY

SEMESTER 1: VISUAL DESIGN – COMMUNICATING YOUR STORIES USING LIGHT AND IMAGE

SEMESTER 2: SOUND DESIGN – WAYS TO BE A BETTER SOUND DESIGNER FOR FILM, T.V AND GAMES

SEMESTER 3: BRING A HUMAN TOUCH TO YOUR MEDIA ARTWORK

SEMESTER 4: TASTE THE INGREDIENTS OF MUSIC AND SOUND PRODUCTION

In a world dominated by TikTok and Instagram, media creation and production is becoming a vital skill for emerging leaders, influencers, and entrepreneurs. Film, Audio, and Production will teach you the specific techniques and strategies used by working professionals during the production process. We will create audio and film content like music videos, TV commercials, and animation using industry-standard software such as the Adobe Creative Suite.

We will also explore how viewers understand and perceive media through our fundamental sensory system, particularly sight and sound. You will also have numerous opportunities to apply the techniques you learn to real-world situations. This subject will equip you to learn how to make high-quality video and audio content.



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# Sports Pathways



## UNITS OF INQUIRY

SEMESTER 1: INDIGENOUS GAMES AND PRINCIPLES OF COACHING

SEMESTER 2: NUTRITION AND COMPETITION MANAGEMENT

SEMESTER 3: BECOMING A SPECIALIST COACH AND OFFICIAL

SEMESTER 4: STRENGTH AND CONDITIONING FOR THE RECREATIONAL ATHLETE

This is an exciting and practical “hands-on” subject that will help you develop skills from improving your mastery of a range of sports, to practical coaching, to officiating and administration skills. You will even learn to make your own sports nutrition bars!

Many of the sports will be new to you and will enable you to explore and enjoy different physical and mental challenges. You will also have the opportunity to specialise as a coach in sport of your choice.

Sports Pathways also gives an insight into the structures and requirements of the various Certificate courses in Sports and Recreation that are offered at the College.

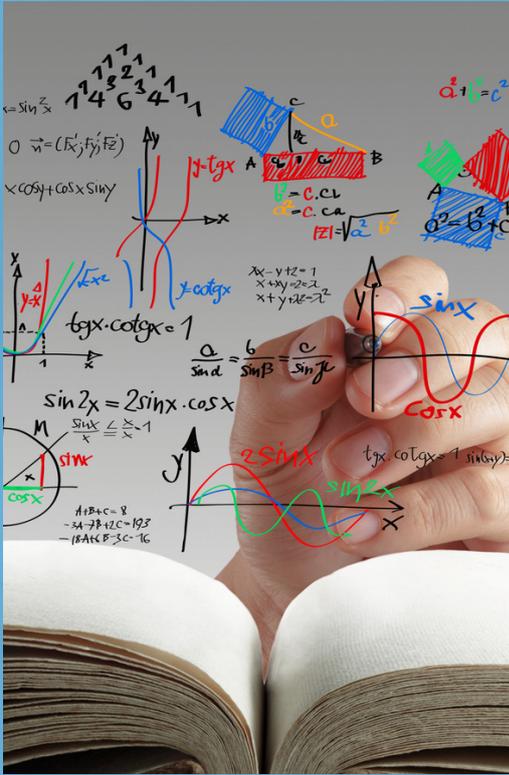


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# STEM



## UNITS OF INQUIRY

SEMESTER 1: THE HUMAN BRAIN

SEMESTER 2: FORENSIC SCIENCE

SEMESTER 3: ENGINEERING

SEMESTER 4: PERSONAL PROJECT

Are you a logical thinker? Do you like to get to the bottom of things so you can really understand them in depth? Do you like solving problems? Do you enjoy Science or Mathematics? Do you wish your Maths or Science teacher would go a bit quicker so you could learn about more things? Do you want to know how things work? Do you like pulling devices apart so you can better understand them? Do you like designing or building things to solve problems or make life easier?

Do you like watching "Mythbusters", science shows and documentaries? Do you want to be like Sheldon Cooper or Abby Sciuto? Do you want to create a theory or invention that will change the world? Do you want to develop all your intellectual gifts so you can serve God with your whole mind?

If you answered 'yes' to any of the above, you will love STEM.

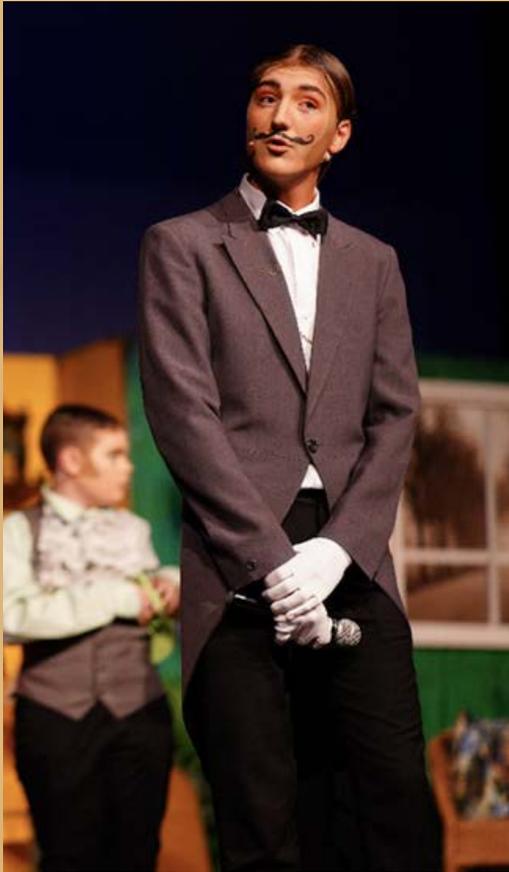


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# Drama



## UNITS OF INQUIRY

SEMESTER 1: CHARACTER AND CREATURES

SEMESTER 2: FROM SOPHOCLES TO BRECHT

SEMESTER 3: ABSURDISM AND REALISM

SEMESTER 4: CHALLENGING CULTURE THROUGH THEATRE

Drama is a fun and interesting subject that can help you to build creativity and teamwork skills and give you a better understanding of yourself and your world. Within Drama, you will have the opportunity to take on roles, build characters in creative ways and hone your skills of acting. You will also create dramatic concepts, constructing performances that entertain, educate and at times challenge audiences.

Year 9 is about building confidence as an actor, creating and performing children's theatre, Shakespeare and comedy. Year 10 is about learning the techniques professional actors use, as well as how theatre can help effect change in society. If you are looking for any career, but particularly in such careers as entertainment, law and marketing, Drama can help you build the tools you need to be successful.



# Entrepreneurship



## UNITS OF INQUIRY

SEMESTER 1: THE INNOVATION PROJECT

SEMESTER 2: GET RICH "QUICK"

SEMESTER 3: DIGITAL ECONOMY

SEMESTER 4: WHAT CAN I DO FOR AUSTRALIA?

With a changing landscape of social, economic, political, and environmental complexities and challenges, Australia will need enterprising individuals who can make informed decisions and actively participate in society and the economy as individuals and more broadly as global citizens.

Successful entrepreneurs see value in three things: having an authentic concern for your customers and employees, knowing your product or service better than anyone, and have a burning desire to succeed.

This subject equips you with the financial, critical, and creative thinking skills to be able to enter the ever-changing world of business.



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# Robotics



## UNITS OF INQUIRY

SEMESTER 1: GET MOVING!

SEMESTER 2: SEE, TOUCH,  
REPEAT AND DECIDE

SEMESTER 3: ADVANCED  
APPLICATIONS AND TECHNIQUES

SEMESTER 4: RESCUE LINE  
CHALLENGE

As robotics and computers become increasingly prevalent in our lives, understanding programming and programming concepts is becoming very important for future success in a wide range of current and emerging career pathways. Mastering control over robots can be a fun, easy, and effective way to learn about computer programming and fundamental engineering principles.

Programming a robot has tangible, observable effects. Testing a robot's code can be done in a fun hands-on way with immediate visual results. This robotics course will provide you with opportunities for creative and collaborative problem-solving through the creation and use of algorithms to solve real-world problems using the Lego Mindstorms EV3 robotics platform.



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# Paddock to Plate



## UNITS OF INQUIRY

SEMESTER 1: GET CONNECTED!

SEMESTER 2: THE CHICKEN AND THE EGG

SEMESTER 3: GRASS ROOTS PRODUCTION

SEMESTER 4: THE BIG BUSINESS OF AGRIBUSINESS

In Paddock to Plate we aim to tackle head-on the increasing trend of disconnection between our society and our food sources. We want to equip you with a wealth of knowledge and connectedness to the origins of food and fibre sources and help you appreciate the beauty and power of agricultural practices.

We will look at the foundations of agricultural production models, to poultry production (our chickens!), to plant knowledge from root to tip. Ultimately we will apply our knowledge to become a whizz in the kitchen and bring the benefits of Agricultural Science to your palate!

The Paddock to Plate program aims to help you with skills for the real world and to consolidate foundational knowledge you may need for study in the senior school and beyond. Paddock to Plate – the original STEM subject, has something to offer everyone.



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# Sport Science



## UNITS OF INQUIRY

SEMESTER 1: BODY SYSTEMS

SEMESTER 2: TRANSITIONING FROM AN AMATEUR TO A PROFESSIONAL ATHLETE

SEMESTER 3: FITNESS AND NUTRITION

SEMESTER 4: BATTLE OF THE SEXES  
- MEDIA AND SPONSORSHIP

Sports Science is a subject where you can put your learning into practice. Similar in many ways to human movement and health studies, we spend half of the program discussing the body and the other half performing and improving your physical skills.

Sports scientists assist athletes to achieve the best possible sporting performance. They assess and advise on coaching, training, competition and recovery practices in all areas of sport. They can also serve in professions like nursing, personal training, dietitians and physiotherapy to name but a few.

A sports scientist will work with individuals to ultimately help them to *Live Life Well*. This can involve support with fitness training, injury prevention, technique analysis, nutrition, and the optimisation of performance.



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# Digital Technologies



## UNITS OF INQUIRY

SEMESTER 1: PYTHON  
PROGRAMMING AND WEB  
DESIGN

SEMESTER 2: INTERMEDIATE  
PYTHON, NETWORKS AND  
SECURITY

SEMESTER 3: INTERFACE DESIGN  
AND ADOBE DIGITAL MEDIA

SEMESTER 4: PYTHON, SQL DATA  
MANIPULATION

These days many of us see ourselves as confident, capable ICT users, but have we really mastered ICT by being able to access our email or by sending a meme on our phones?

The difference between "using ICT" and "creating ICT" is the difference between using a game and being able to create a game. It is the difference between using an Instagram filter and being able to create your own photo filters. Learning how to create involves having an appreciation and understanding of how the technology and applications we use work. Across the course, students will have opportunities to create a range of digital solutions, such as interactive websites, multimedia assets, applications, and graphical user interfaces.

Australia is currently facing a major tech skills shortage, developing skills for using SQL, Java, DevOps and Python helps prepare you for the future. This subject has a strong focus on coding and preparing you for work in the IT industry.

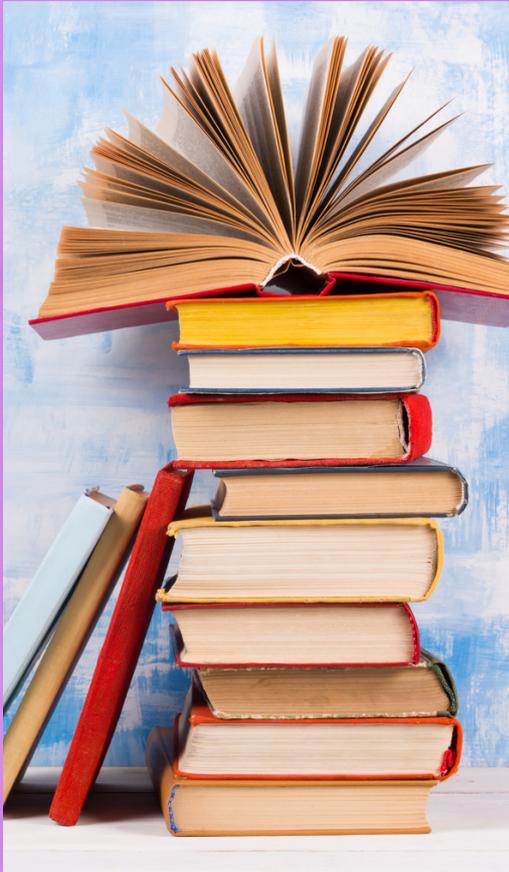


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# Liberal Arts



## UNITS OF INQUIRY

SEMESTER 1: WHAT KIND OF MONSTER DOESN'T LOVE POP CULTURE? – POPULAR CULTURE TEXTS AND FANDOM

SEMESTER 2: THE EARTH IS FLAT, AND MY VACCINE GAVE ME 5G. LOGIC VS CONSPIRACY THEORIES

SEMESTER 3: CHOOSE YOUR OWN ADVENTURE!

SEMESTER 4: TASTE THE INGREDIENTS OF MUSIC AND SOUND PRODUCTION

Which is the better universe, Marvel or DC?  
Would you rather be in Gryffindor or Ravenclaw?  
Why would Nero fiddle while Rome burned?  
How can anyone still believe that the earth is flat?

If you have strong feelings about any of these questions, then this subject is for you! In Liberal Arts, you will get to explore other people's work in film, TV, books, and video games as well as creating your own. You will drive the choice of texts and the conversations about them. Want to learn more about Egyptian embalming processes (all that pulling out of brains through noses) or the insane antics of the more bizarrely tyrannical Roman emperors? Why not? The choice is yours!

Go right ahead. But be warned, you can expect to come out of this subject writing and thinking more clearly and critically, and you will have fun on the journey.



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# Visual Art



## UNITS OF INQUIRY

SEMESTER 1: PAINT, PROBE,  
PENCIL, PRINT.

SEMESTER 2: FUNCTION AND  
FORM

SEMESTER 3: EXPERIMENT,  
OBSERVE, CAPTURE AND  
REFINE

SEMESTER 4: THE ARTISTIC  
VOICE

Unlock your creativity! Experiment and challenge yourself as you develop your artistic voice and hone your skills. Visual Art is an opportunity for you to explore the contexts of your world synthesising it into your own creative outlet. The program is designed to balance teacher direction (i.e getting the most out of different mediums), and student voice – making what you want to make! This course is dedicated to exploring 2D and 3D materials and methods, from photography, painting and drawing, to junk, porcelain, and printmaking – we cover it all!

You will discover alternate ways of making, meet practising artists and have the opportunity to explore South-East Queensland's vivid art scene. Visual Art is a platform for self-exploration and self-expression. It builds mental focus and physical artistry while diminishing stress and broadening perspectives. Hope to see you next year!



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