



Subject Handbook 2024

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Teaching and Learning at St James Catholic College

At St James Catholic College, our vision for learning aims to develop the attitudes, knowledge and skills students need now and beyond school into the future.

St James is committed to providing a quality Christ-centred education for students from Kindergarten to Year 10, helping them to prepare for an ever-changing world. We aim to nurture independent, motivated, purposeful and lifelong learners through our caring, connected and challenging learning environment directed to the development of each student in all areas of social and academic learning.

The programs and teaching available at St James Catholic College provide opportunities for each student to shine and develop a determination to succeed in everything they do. We pride ourselves on providing an innovative, high quality and progressive curriculum.

In Kindergarten, learning opportunities are developed using the Early Years Learning Framework and we recognise the importance of play in developing the skills and knowledge young learners need in order to grow.

All teaching and learning content from Prep to Year 10 is aligned with the Australian Curriculum, which sets out the core knowledge, understanding, skills and general capabilities important for all students.

We cater for the individual needs of all our students, and we value the learning dispositions of each learner – acknowledging and promoting the developing skills in each student so that they become reflective, critical thinkers and inquirers.

The St James College Subject Handbook is designed to provide students and families with information in relation to our subject offerings from Kindergarten to Year 10. We hope you enjoy reading about all of the wonderful offerings and subjects available here at our College and we look forward to supporting your child on their learning journey.

Kindergarten

Aligned with the National Quality Standards (NQS) and guided by the Early Years Learning Framework (EYLF) and the Good News for Living Curriculum Framework (GNFL), Kindergarten students at St James are provided with stimulating learning activities to assist them in developing a strong sense of identity, connections with their world, wellbeing, confidence and effective problem-solving and communication skills.

Kindergarten at St James is designed for students aged from four years of age. Our Kindergarten days are Mondays, Tuesdays and Wednesdays between 8.45am - 3.00pm each week (term time only).

Prep to Year 10

All teaching and learning content from Prep to Year 10 is aligned with the Australian Curriculum. All students during their education at St James Catholic College undertake the compulsory subjects of English, Mathematics, Health and Physical Education, HaSS/History, Religious Education and Science.

Students in Years 7 to 10 are able to explore their interests across a range of specialist subject areas. In Years 7-8, specialist subjects are undertaken in a rotation that allows students to enjoy a taste of each offering, while in Years 9-10 they are able to select electives that align with their talents, passions and aspirations.

Core Subjects

English

Through the study of English from Kindergarten to Year 10, students learn to analyse, understand, communicate and build relationships with others and the world around them. English helps create confident communicators, imaginative and critical thinkers, and informed citizens.

The English curriculum at St James Catholic College helps students to engage imaginatively and critically with literature and appreciate its aesthetic qualities. Students explore ideas and perspectives about human experience, cultural significance, interpersonal relationships and ethical and global issues within real-world and fictional settings. Students are exposed to literature from a range of historical, cultural and social contexts. Through the study of texts, students develop an understanding of themselves and their place in the world. The English curriculum explores the richness of First Nations Australian voices and voices from wide-ranging Australian and world literature.

The study of English plays a key role in the development of literacy, which gives our young people the knowledge and skills needed for education, training and the workplace. It helps them become ethical, informed, perceptive, innovative and active members of society.

Humanities and Social Sciences

The Humanities and Social Sciences (HaSS) subject is comprised of four strands:

- Civics and Citizenship
- Economics and Business
- Geography
- History

At St James Catholic College, all students will study Humanities and Social Sciences from Kindergarten to Year 6 and will cover all HaSS strands as they progress through their Primary schooling years. In Years 7 to 8, all students will study History, Geography, Civics and Citizenship, and Economics and Business. In Years 9 to 10 all students will study History and access to Geography, Civics and Citizenship, and Economics and Business will be determined by their choice of elective offerings.

The Humanities and Social Sciences program provides a broad understanding of the world we live in, and how people can participate as active and informed citizens with high-level skills needed now and in the future. The four strands provide opportunities for students to develop their own personal and social learning, and to explore their perspectives as well as those of others.

Mathematics

The Mathematics curriculum provides students with essential mathematical knowledge, skills, procedures and processes in number, algebra, measurement, space, statistics and probability. It develops the numeracy capabilities that all students need in their personal, work and civic lives and provides the fundamentals on which mathematical specialties and professional applications of mathematics are built.

Mathematics at St James Catholic College develops students' appreciation of the power of mathematical reasoning as they develop mastery of the content in mathematics. It provides students with learning opportunities to develop mathematical proficiency, including a sound understanding of and fluency with the concepts, skills, procedures and processes needed to interpret contexts, choose ways to approach situations using mathematics and to reason and solve problems arising from these situations.

The Mathematics curriculum provides opportunities for students to apply their mathematical understanding creatively and efficiently. It enables teachers to help students become self-motivated, confident learners through practice and inquiry.





Health and Physical Education

Health and Physical Education enables students to develop the skills, understanding and willingness to positively influence the health and wellbeing of themselves and their communities. Central to the Health and Physical Education curriculum at St James Catholic College is the acquisition and application of movement skills and concepts and strategies across a range of physical activity contexts to allow students to participate confidently and competently when moving.

In Health and Physical Education, students develop personal and social skills through interacting with others in classroom and movement contexts. Health and Physical education lessons address factors that influence the health, safety, relationships, wellbeing and physical activity patterns of individuals, groups and communities. Students develop the understanding to challenge discrimination, assumptions and stereotypes. They gain skills to take positive action regarding diversity, inclusion, consent and respect in different social contexts.

Religious Education

Religious Education has a central place as an area of learning from Kindergarten to Year 10 at St James Catholic College. Through the Religious Education curriculum, our students are given the opportunity to investigate and reflect on enduring questions of faith and life and explore our Catholic faith and identity.

In developing their religious knowledge, students explore the core Christian beliefs, doctrines and practices, assisted by the Good News for Living curriculum. This curriculum helps students to engage imaginatively, respectfully and critically with a core focus on the teachings and examples of Jesus Christ and the Catholic Church. Learning content is framed via the Good News for Living integrated theological Elements: God, Jesus, Church, Scripture, Sacraments, Prayer, Christian Life and Religion and Society, with learning sequences developed to allow students to grow in their knowledge and understanding throughout their schooling years.

The curriculum supports the College's commitment to live as truthfully, justly and creatively as possible in imitation of Christ. It promotes both knowledge and understanding in developing the ability to act with discernment, responsibly and joyfully, in a loving relationship with God and one another. Students at St James also experience many opportunities to undertake outreach activities and participate in liturgies and Masses on a regular basis.

Science

Science lessons and activities at St James Catholic College support students in exploring the unknown, investigating universal phenomena, making predictions and solving problems. Science lessons allow students to answer curious and important questions about the changing world they live in. Science knowledge is revised, refined and extended as new evidence arises.

The curriculum enables students to develop an understanding of important science concepts and processes, the practices used to develop scientific knowledge, science's contribution to our culture and society, and its uses in our lives. Students are supported in the development of their scientific knowledge, understanding and skills so that they can make informed decisions about local, national and global issues, helping them to succeed in science-related careers.

Students experience the joy of scientific discovery and are encouraged to nurture their natural curiosity about the world around them.

In developing scientific literacy, students at St James use critical and creative thinking skills and challenge themselves to ask questions and draw evidence-based conclusions using scientific knowledge and practices.

Specialist Subject Areas

The Arts

The Arts curriculum at St James Catholic College is comprised of five core subjects:

- Dance
- Drama
- Media Arts
- Music
- Visual Arts

The Arts curriculum is written on the basis that all students will study The Arts from Foundation to the end of Year 8. In Primary School, the curriculum has been developed to allow for the study of the five Arts subjects from Foundation to Year 6.

Students in Years 7 and 8 experience all of the Arts subjects as part of their core or rotation subjects. In Years 9 and 10, students can specialise in one or more Arts subjects through the selection of their elective subjects.

Through the Arts, students at St James share stories, ideas, knowledge and understanding. The Arts engage each student's senses and give them a way to imagine, celebrate, communicate and challenge ways of knowing, being, doing and becoming.

Participating in quality Arts experiences and practices enriches our students' social and emotional wellbeing. It fosters the development of their imagination and enables them to reach their creative and intellectual potential. The distinctive languages, knowledges and practices of each Arts subject allows students to play, explore, question, challenge and imagine new possibilities as they create, embody, design, represent, collaborate and communicate ideas, emotions, observations and experiences.



The Arts are core to the development of creative, confident, compassionate and resilient students who can think and reflect critically, celebrate and challenge ideas, people and events, and work towards making a difference in sustaining and reimagining their own and their communities' futures.

Design and Technology

Technologies from Kindergarten to Year 10 at St James Catholic College is comprised of two core subjects:

Design and Technologies, in which students use design thinking and technologies to generate and produce designed solutions for authentic needs and opportunities.

Digital Technologies, in which students use computational thinking and information systems to define, design and implement digital solutions for authentic problems.

At St James, all students are required to undertake the two subjects from Kindergarten through to Year 8. In Years 9 and 10, Technologies subjects will be determined by elective choices.

The curriculum for each of Design and Technologies and Digital Technologies describes the distinct knowledge, understanding and skills of the subject. Students at St James have the opportunity to develop a comprehensive understanding of traditional, contemporary and emerging technologies.

By applying their knowledge and practical skills and processes when using technologies and other resources, students create innovative solutions. In creating solutions, as well as responding to the designed world, students consider desirable sustainable patterns of living, and contribute to preferred futures for themselves and others. They work independently and collaboratively to develop knowledge, understanding and skills to respond creatively to current and future needs and opportunities.

The practical nature of the Technologies learning area engages students in critical and creative thinking, including understanding interrelationships in systems when solving complex problems.

Languages

The Language Program at St James Catholic College has been developed to give all students the opportunity to engage in learning a language in addition to English.

Language learning provides the opportunity for students to engage with the linguistic and cultural diversity of the world and its peoples and allows students to reflect on their experience in various aspects of social life, including their own participation and ways of being in the world.



Students at St James have the opportunity to develop a comprehensive understanding of traditional, contemporary and emerging technologies.

Years 7 and 8 Specialist (Rotation) Subjects

From 2024, Year 7 and 8 homeroom classes will rotate through 12 compulsory rotation subjects over the course of the year. Splitting each year level homeroom allows for small class sizes and targeted individual instruction during each rotation subject. All Year 7 and 8 students must complete each of the rotation subjects over the duration of the year, in order to fulfil curriculum requirements.

Specialist (Rotation) Subjects

- Drama
- Visual Arts
- Wood/Metal
- Aboriginal Studies
- Food studies
- Garden
- Outdoor Fitness Experiences
- Digital Technology
- Music
- Rock and Water Program
- Media Arts
- Design and Textiles

Digital Technology

Students in Year 7 will learn to identify types of networks, including wired, wireless and mobile networks and the hardware components of a network. They will also learn to use a range of programs such as Microsoft Excel and Flowlabs (game making) gaining ICT skills needed for all subjects including typing skills.

Students in Year 8 continue to build on the skills they have learnt in Year 7. They will focus on transfer and storage of data and learn how the internet works. They will also complete a robotics project which will involve programming and developing students' hands-on skills in building electronic circuits and soldering.



Visual Arts

Students in Year 7 will explore the elements of art through a variety of mediums. Students will create their own scratch art paper and find inspiration in nature to create images. Students will draw anatomical drawings of skulls and bones as well as some still life for charcoal work and will finish off their unit with portrait painting using acrylics.

Students in Year 8 will get messy exploring the elements of art through making collage using paper they pattern themselves and using paint, pastel and marbling techniques. Students will discover ways of drawing pictures with perspective. Finally, they will produce three-dimensional work using paper-mache as a medium.

Wood/Metal

Students in Year 7 will focus on learning practical skills such as measuring, use of hand tools, use of basic power tools, finishing, PPE and how to work safely in a workshop environment. They will complete a woodwork, metalwork or electronics-based project.

Students in Year 8 will complete another skills-based project where they will continue to build on the skills they have gained in Year 7. There will be a focus on safe work practices and students will learn how to use a range of power tools and additional advanced communication techniques.

Tasmanian Aboriginal Studies

Students in Years 7 and 8 will expand their knowledge of significant events in the Aboriginal calendar and current events relevant to First Nations people. They will have the opportunity to further investigate First Nations languages, artists and dreaming stories. Students will develop their understanding of respectful Acknowledgements and Welcome to Country. There will also be the opportunity to engage with practical hands-on contemporary cultural practices led by First Nations cultural educators.

Food Studies

Students in Year 7 will have the opportunity to explore the relationship between seasonal garden produce and food preparation in the kitchen. Students will investigate the links between food preparation techniques and their impact on nutrient value and how to modify recipes to enhance health benefits. They will investigate and explore how First Nations Australians incorporate native ingredients to prepare foods for healthy eating. Learning how to prepare and cook different foods safely is an important life skill that can help to promote healthy eating, whilst being able to develop and prepare interesting foods that you will enjoy.

Students in Year 8 will continue to learn about the presentation and aesthetics of meals, appealing both to the eye and palate. Differences in colour and texture will be explored as students investigate the importance of the visual impact of the food and how it is presented to the consumer. With an emphasis on developing a love of cooking and acquiring the food preparation and cooking skills needed to create interesting and well-known dishes, students will analyse food preparation techniques used in different cultures including those from our First Nations peoples and other countries.

Drama

Students in Year 7 will experiment with the use of body and voice to create meaning and develop an understanding of how they can effectively communicate ideas, perspectives and meaning. Students will learn about character and how different people can communicate in a variety of ways. They will then demonstrate their understanding by creating and performing as their own character.

Students in Year 8 extend their understanding of character and learn basic stagecraft and performance techniques as they work together to learn, rehearse and stage a short play. During this process they also learn about and take on the responsibilities of backstage crew. At the end of the rehearsal period, the class will have the opportunity to experience performing for an audience when they share their play with the rest of the Year 8 cohort.

Garden

Students in Years 7 and 8 develop their skills in observation and planning to learn about sustainable garden practices and problem solving. Studies include food and fibre production, analysing soil types and solutions along with composting and plant propagation. Students develop their skills in using tools and techniques independently and safely in the garden setting. There is also a focus on how technology can assist in agriculture applied through visits to nearby businesses. Students undertake projects to include design principles to solve problems in the garden setting.

Music

Students in Year 7 will experience music making using computers to create their own music. They also will perform on various instruments such as the guitar, ukulele and keyboard. Students develop rhythm skills through practical drumming lessons such as finger drumming on the keyboards and learning how to play the drum kit. The Year 7 music course focuses on individual music making.

Students in Year 8 will build on the lessons completed in Year 7. In addition to this, they have the opportunity for more personal choice in what instruments they play and whether they spend more time performing the music of others or creating music themselves using computers to generate music. The course focuses on students playing music together in small groups as well as individual music making.

Rock and Water Program

The Year 7 and 8 Rock and Water Program is conducted in small groups that incorporate a series of exercises and games to develop confidence, self-respect and self-reflection. The games are diverse and many have a martial arts origin.

Students learn to stand strong, negotiate using “rock” or “water” verbal approaches, walk away from trouble, consider alternatives to aggression, and develop an understanding of who they are, their intuitive feelings and their personal direction.

Outdoor/Fitness Experience

Outdoor/Fitness Experience is a 10-week course for Year 7 and 8 students that provides introductory experiences in outdoor adventure and recreation activities such as bush walking, canoeing, rock climbing, mountain bike riding and fitness and aquatic based activities. Based on the principle of ‘Challenge by Choice’ the lessons will promote teamwork and an understanding of personal risk and challenge, in preparation for Year 9 and 10 Elective options.

Media Arts

Students in Year 7 will learn the basics of photography and short film making. In this subject, students will learn how to competently operate a DSLR camera with the aim of taking quality photographs that can be manipulated and used in various projects. Using these skills, students will also learn to create a storyboard, learn about different filming techniques and how to edit video in order to produce a short film.

Students in Year 8 will build upon the skills they have learnt in Year 7 and will produce a digital art project such as a short film or animation using CapCut. In the second half of the course, students learn basic coding, in order to create a cartoon using Scratch.

Design and Textiles

Students in Year 7 will learn basics in textiles from sewing buttons, repairing and embellishing clothes to making everyday items, like sandwich bags and pencil cases. They will experiment with yarn craft in the form of crochet and knitting, learning a variety of stitches and techniques with an end product of a scarf or fingerless gloves.

Students in Year 8 will experiment with dying fabrics using natural dyeing techniques. They will have the opportunity to showcase skills in fabric printing and creating a product such as a market bag. They will be able to embellish their bags using techniques such as embroidery and applique. Students will also quilt items such as cushion covers or wall hangings.





Years 9 and 10 Specialist (Elective) Subjects

Students undertake three electives for the year. Each elective is five lessons per fortnight and each class comprises students from Years 9 and 10. Elective subjects can be chosen as interest subjects or subjects that may lead towards career opportunities, therefore it is recommended that students choose a mix of career-focused and self-interest subjects.

It is also important to experience a contrast between the academic demands of compulsory core subjects. Choosing something practical and of interest is a great way to balance each student's learning program. All Year 9 and 10 students must complete three electives over the duration of the year in order to fulfil curriculum requirements.

The line structure and the elective subjects that run will be determined by student choices. That is, classes are determined by the four most popular subjects chosen by students on each Line. Therefore, if a particular elective subject is popular, there could be several classes of that subject running. This would mean that less popular subjects may not run.

It is important to note that not all students will get all of their most preferred options. If a class is oversubscribed, preference will be given to Year 10 students.

Extended Writing

Extended writing offers students a chance to learn techniques for composing compelling fiction and non-fiction texts. Students work on developing characters, setting and dialogue and discover how different structures, editing skills and use of literary techniques can enhance their work. The scope of the texts created are broad, with an opportunity to explore academic writing and editing along with creative texts. Students are also given the opportunity to collaborate and participate in writing workshops where skills can be honed, shared and explored. The extended writing unit offers students a chance to showcase their skills, explore the world of publishing and prepare for the challenges of higher education.

Mathematics Extended

This elective subject provides students with the opportunity to study Mathematics at a higher level. It is recommended that students selecting this course are achieving at a high level in Year 8 Mathematics. The Mathematics units provide an opportunity to further expand on the outcomes in the Australian Curriculum Mathematics 10, as well as introductory Calculus outcomes, with a focus on Algebra, Relationships and Functions, as well as developing further problem solving skills. This course would provide a strong basis for students intending to study Mathematics Methods in Years 11 or 12.

Finance and Investing

This course will provide students with information and experiences about the process of wealth creation in their personal finances and the wider Australian community. Students will develop their knowledge and understanding of financial literacy and understanding of the role and function of the share market (ASX), the process of setting financial goals, saving, credit and banking. The course covers a range of concepts such as investing, setting investment objectives, different investment options, risk, taxation and diversification. Students will also investigate current issues impacting wealth creation in Australia including financial scams, cryptocurrencies and COVID-19 as well as an appreciation of ethical and moral obligations in wealth creation - philanthropy. Highlights of the course will include participating in the ASX Schools Sharemarket Game and the ESSI Money Game.

Philosophy

Philosophy provides students with the opportunity to read and understand some of the powerful ideas that have shaped our culture. This course introduces students to methods of philosophical argument and analysis and their application to contemporary issues. The study also focuses on philosophers and philosophical ideas at different stages in history. Philosophy grapples with some of the most profound questions, such as: what is the nature of reality? Is it possible to attain absolute certainty about anything? Are right and wrong simply matters of culture? Studying philosophy is about developing the ability to clarify concepts, analyse problems and construct reasonable, coherent arguments. Philosophy demands independent thinking and develops independent reasoning skills which are highly transferable.

Geography

Students undertaking this course will gain a greater understanding of the physical world in which they live. Students will study two major units during this course, drawing on studies from Australia and other countries. During the Biomes and Food Security unit, students will examine the distribution of biomes as regions, and their contribution to food production and food security. They will consider the effects of the alteration of biomes and the environmental challenges and constraints of expanding sustainable food production in the future. During the Geographies of Interconnections unit, students will focus on how people, through their choices and actions, are connected to places throughout the world in a wide variety of ways and how these connections help to make and change places and their environments.

Tasmanian Aboriginal Studies

This course is designed to deepen your understanding of Tasmanian Aboriginal Culture with a practical hands-on approach. Students will select focus topics from hunting techniques, fire management, food, craft, language and dreaming stories. There will be the opportunity to create a range of crafts and foods, enliven stories, language and traditions through a variety of chosen media (including digital storytelling and various art forms). Students will have the opportunity to work with Aboriginal Cultural Educators and share their work with the wider College community.



Participants are equipped and empowered to achieve their personal best, take ownership of their own goals and life choices, and become actively engaged with their community and the workforce.

Duke Of Edinburgh - Bronze and Silver Awards



Science Investigation

Do you enjoy science? Would you like to solve crimes like CSI or work in Antarctica researching whales? Maybe you want to work in the growing industry of aquaculture or want to understand what will happen if the Great Barrier Reef dies? Are you curious about where technology innovations will take the future of the human race, perhaps to live on Mars or have robots live among us? Do you have scientific questions that you have been curious about and would like to conduct your own scientific investigations? Then this subject is for you! There will be a flexible approach where the students will be able to choose topics that interest them, these may include: Forensic Science, Sustainable Living and Slow Living, Living in Space, Problem Solving for Climate Change, Aquaponics and Plastic Recycling.

Outdoor Education

This course develops the practical skills, confidence and knowledge necessary to responsibly participate in challenging activities in the natural environment. Activities may include kayaking, rock climbing, sailing and orienteering. There is also a significant component of camping and bushwalking and a requirement to undertake overnight trips. Students will be challenged at an individual level and as part of a team. Students will deepen their awareness of their personal impact and responsibility toward the environment. Students have the opportunity to participate in the **Duke of Edinburgh International Award**, which requires a significant commitment beyond school hours in the categories of volunteering, learning a new skill and physical recreation as part of this elective.

Duke Of Edinburgh - Bronze and Silver Awards

The Duke of Edinburgh's International Award is a positive and rewarding challenge of self-discovery offered to our Year 9 and 10 students. By selecting and undertaking four core activities (Sections) within the Award Framework and regularly working towards individual goals in the award components of volunteering, learning a new skill, physical recreation and undertaking an adventurous journey. Students will need to commit 3hrs of additional time each week over the year to complete Bronze or Silver Awards.

Participants are equipped and empowered to achieve their personal best, take ownership of their own goals and life choices, and become actively engaged with their community and the workforce.

Sports Science

Sports Science is a subject integrating physical activity and theoretical concepts related to movement and conditioning. The course will focus on developing knowledge and understanding relating to physical activity. This will include functional anatomy, sport psychology and basic biomechanical and movement principles.

Students intending to pursue any career involving Human Movement or choose Physical Education as a course of study are strongly encouraged to include the Sports Science elective to build a solid foundation of knowledge and practical skills.



Visual Art

This classic course aims to broaden students' understanding of the history of art and artists from various movements. Students will study a particular style of certain artists and create portfolios to showcase their understanding, culminating in a final piece of their own designing. Students will experiment with a variety of mediums from pencil drawings, charcoal exploration, painting with watercolours, acrylics and oils, creating lino cuts and clay work. There will be potential projects working with Aboriginal artists to learn new and old skills. This course aims to foster students' ability to think creatively, build confidence to explore artistically and communicate visually.

Art Workshop

This exciting course aims to provide students with the space to discover and nurture their own intrinsic art interests. Students will design their own creative project where they can explore questions of their own forming and express their findings. They will develop skills in self-directed learning, researching, and presenting. Each term they will have to construct a new topic, learn the skills required to make a tangible product and then explain their findings to their class in an oral presentation. Possible projects may be based in digital art such as animation, filmmaking or photography or more tangible art projects such as pottery or painting. Students may also negotiate topics based on their skills and interests.

Drama

The Years 9 and 10 Drama course aims to build up the confidence of students and make them the most effective communicators they can be. By studying performance, students are analysing how humans interact and expand their knowledge of both verbal and body language. This course explores performance from different styles, cultures and historical periods and helps students to understand how different people have communicated throughout time and consider what we can learn from them. Choosing Drama does not mean students will have to act in front of an unfamiliar audience, but students will be required to participate in performance activities within the classroom.

Music

In this course, students play and create music from a range of styles, cultures, times and locations including the music and influences of Aboriginal and Torres Strait Islander Peoples and those of the Asia region. They learn the basics of playing an instrument (including vocals or virtual instruments using technology) individually and in groups. Students will be involved in a number of activities and projects, some of which are chosen based on interests. They will improvise and arrange music to explore compositional styles; manipulate combinations of the elements of music using technology and notation; practice and rehearse a variety of repertoire with increasing technical and interpretative skill; plan and organise compositions with an understanding of style and convention and evaluate and analyse a range of musical styles.

Design Technology - Workshop

Students will work through the design process to solve problems that involve a range of materials and techniques (wood, metal, plastic and electronics). Throughout the design process students will use a range of methods (sketches, working drawings, products) to communicate their ideas, after which they will have the opportunity to design and construct a range of products for example, furniture, electronics and metal work.

Digital Technology

Digital Technologies focuses on developing understanding and skills in using, programming and understanding the computational thinking behind computers, programs and applications. Students will learn across a variety of platforms to be able to select the appropriate package for their needs. Students will also develop their ICT skills needed for all subjects including typing skills.

Participants will have access to laptops, EV3 (Lego Mindstorm) robots; software and more in this exciting course which caters for all levels of knowledge and skills, empowering students to direct their own learning.

Horticulture

This course is a practical based course for those that are interested in Agriculture, Horticulture, general gardening and plant growing. The course includes growing plants, preparing soil for growing plants, developing garden beds, building garden structures such as compost heaps, raised garden beds, installing irrigation systems and regular maintenance of all of the above. Students will gain valuable knowledge and skills in Agriculture, Horticulture and general gardening. They will also assist with projects that assist in the beautification and maintenance of our College grounds.

Food Studies

This course is designed for students to gain a broad understanding of food preparation and kitchen operations. Emphasis is placed on understanding the importance of nutrition. We promote the use of seasonal and local ingredients in our cooking classes, much of which is grown in our kitchen garden. Students focus on food production in Tasmania, Australia and overseas, exploring techniques and recipes for students living in a diverse community, with special emphasis on First Nations ingredients and food production. Students are exposed to using a range of equipment and techniques in the kitchen, including espresso machine operations, pasta making and cake decoration. Food Studies in Year 9 and 10 can lead students to enrolling in Food Nutrition Levels 2 and 3 in Years 11 and 12.

Vocational Education Training (VET)

St James Catholic College is part of the Southern Tasmanian Catholic Colleges Trade Training Centre; students in Years 9 and 10 are able to participate in Vocational Education and Training as part of their subject selections. Guilford Young College (GYC) is the Registered Training Organisation (RTO) – Provider No. 1129 and issues all statements and certificates for students enrolled in these courses that are undertaken on site at St James. All units of competency received go towards a nationally recognised qualification, therefore it is an expectation that students come to class prepared, punctual and have a high attendance level to be able to complete their selected course.

Introduction to Construction

This course provides an excellent introduction to vocational training for the construction industry and will contribute to **CPC20220** Certificate II in Construction Pathways if students choose to enrol in the full qualification in the future. In order for students to be considered for a work placement they must have **CPCWHS1001** and **CPCCWHS2001**. This is a very popular program and requires motivated students with sound literacy, numeracy and technical skills. The course includes using a variety of tools for the job, undertaking some basic construction projects and workplace health and safety.

CPCWHS1001 - Prepare to work safely in the construction industry (White Card)

CPCCWHS2001 - Apply WHS requirements, policies and procedures in the construction industry.

MEM16006 - Organise and communicate information.

CPCCOM1012 - Work effectively and sustainably in the construction industry.

Note: Students will not gain the full certificate; this course goes towards the Cert 2 in Construction Pathways.



Introduction to Metal Trades

This is an excellent introduction to vocational training for the metal trades and will also contribute to MEM2022 Certificate II in Engineering Pathways if students enrol in the full qualification program through a Registered Training Organisation in the future.

Students have the opportunity to develop skills in welding, fabricating products in sheet metal and steel; and working in engineering workshops.

CPCWHS1001 - Prepare to work safely in the construction industry (White Card)

MEMPE004 - Use fabrication equipment.

MEMPE002 - Use electric welding machines.

Note: Students will not gain the full certificate; this course goes towards the Cert II in Engineering.

Certificate I in Hospitality

This VET course enables students to gain competencies in industry-recognised training that will provide them with a vocational pathway into the hospitality industry. Students who complete these six units, over a period of two years, will receive the **SIT10222 Certificate I in Hospitality**. Students who only select this subject for one year will receive a statement of attainment for the units completed.

SITXFSA005 - Use hygienic practices or food safety.

BSBTWK201 - Work effectively with others.

SITXCCS009 - Provide customer information and assistance.

SITXWHS005 - Participate in safe work practices.

SITHFAB021 - Provide responsible service of alcohol.

SITHFAB025 - Prepare and serve espresso coffee.

SITHFAB024 - Prepare and serve non-alcoholic beverages.

Through a mixture of theory and practical classes students will develop skills in cleaning kitchen and storage areas, personal and kitchen hygiene, food safety, logical and time efficient work flow, safe work practices according to WHS principles and procedure and attractive arrangement of food and non-alcoholic beverages and the Responsible Service of Alcohol. This course also requires a VET accredited industry work placement. VET Hospitality at St James Catholic College is a nationally accredited course which can be continued in Years 11 and 12 at Senior College.

TASC and Post-Year 10 Pathways

During Pathways lessons, students will explore a range of study and training opportunities for post-Year 10 choices. Students will be able to focus their study explorations of post-Year 12 tertiary and vocational pathways. Members of our community are regularly invited to meet with and talk to our students, to discuss their experiences in their chosen fields.

For those students wishing to find out more about future education pathways options post-Year 10, please visit the Tasmanian Assessment, Standards and Certification (TASC) website to find out more at <https://www.tasc.tas.gov.au/students/courses>



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