



DAKABIN
STATE HIGH SCHOOL
The future lies within

Faculty Information for 2025 Open Day



LEARNING | DISCIPLINE | COMMUNITY



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ENGLISH

The study of English is central to the learning and development of all young Australians. It helps create confident communicators, imaginative thinkers and informed citizens. It is through the study of English that individuals gain increasing control over language to analyse, understand, communicate and build relationships with others and with the world around them. Students learn to engage imaginatively and critically with literature from a range of cultures. In English, students will learn to listen to, read, view, speak, write, create and reflect on a range of texts. They will appreciate, enjoy and use the English language to evoke feelings, convey information, form ideas, entertain, persuade and argue. Furthermore, students will understand how Standard Australian English works in its spoken and written forms to create meaning.

We also have a school wide writing programme called 'Writer's Toolbox' which is an on-line tool, paid for by the school, for all teachers and students. This writing programme is a formula for how to write sentences and paragraphs and we have seen an increase in writing outcomes, as a result of its implementation.



HUMANITIES

Humanities is a vibrant hub of critical thought, cultural appreciation and the exploration of the world around us that creates lifelong learners. Humanities' classes explore different historical periods, geographical landscapes, sustainability, business planning and legal systems, as well as societal structures to prepare our young people for the future. The study of Humanities encourages global citizenship and cultural competency via the examination of diverse perspectives as well as developing empathy, ethical reasoning, and a sense of social responsibility.

Humanities includes the study of:

- **History:** Explores significant events, movements, and developments in human societies over time, fostering an understanding of the past and its influence on the present. (Moves into option of Ancient and/or Modern History in Senior).
- **Geography:** Investigates the Earth's physical features, natural processes, human-environment interactions, and spatial patterns, promoting an understanding of global and regional landscapes. (Studied as an elective from Year 9 and into Senior).
- **Business:** Introduces fundamental concepts and principles of business management, economics, entrepreneurship, and financial literacy, preparing students for future roles in the business world. (Studied as an elective from Year 9 and into Senior).
- **Legal Studies:** Explores the principles, institutions, and processes of law and legal systems, fostering an understanding of legal rights, obligations, and justice in society. (Senior subject).
- **Social and Community Studies:** Investigates the structure, dynamics, and challenges of human societies and communities, exploring issues related to culture, identity, diversity, social justice, and community development. (Senior Subject).
- **Civics and Citizenship:** Examines the rights, responsibilities, and participation of individuals and communities in democratic societies, fostering civic literacy, political engagement, and social cohesion.

Ultimately, the Humanities faculty prepares students to become informed, engaged, and compassionate citizens, equipped with the skills and knowledge to navigate an increasingly interconnected and complex world.



MATHEMATICS

Dakabin State High School Mathematics Department offers a senior mathematics curriculum aligned with the Queensland Curriculum and Assessment Authority (QCAA). This curriculum is comprised of different mathematics courses including; Essential Mathematics, General Mathematics, and Mathematical Methods. These courses adapt to the diverse needs and interests of our students. While at Dakabin, students are offered necessary mathematical skills for success. They are guaranteed success and knowledge in higher education and future careers whether it be a Trade, Retail, Hospitality, Tertiary Certificate or a Degree.

Aligned with the Australian Curriculum Assessment, and Reporting Authority (ACARA) guidelines; our junior mathematics curriculum lays a solid foundation for students' mathematical development. Through the integration of innovative platforms such as QLEARN and Education Perfect, students engage in interactive learning experiences that enhance their understanding and mastery of mathematical concepts. During Semester Two, Yr. 10 students are engaged in future Mathematical subjects for Yr. 11 & 12.

Led by a team of passionate and motivated Teachers, Dakabin's Mathematics Department strives to create a supportive and inclusive learning environment for all our students where every student is empowered and can thrive with confidence and proficiency. By the end of Yr. 12, students are equipped for real world challenges.



SCIENCE

The S in STEM stands for science. The Science Faculty at Dakabin SHS is committed to providing curriculum experiences that are dynamic, collaborative and creative. Science at Dakabin SHS is built upon the human desire to make sense of the world around us. Students studying science at our school explore the unknown, investigate universal phenomena, make predictions and solve problems. Many of our science teachers have previously been engaged in successful science studies and careers outside of their teaching qualifications which allows for real world experience to enter the classroom. Students engage in answering important questions about the changing world around us to understand that science has proven to be a reliable basis for action in our personal, social and economic lives.

At Dakabin SHS, students study science from year 7 -10, aligned to the Australian Curriculum. Students engage in a variety of learning techniques and assessment modes in order to prepare them for a senior science pathway, or a pathway without a continued formal science education. Students who choose to can study sciences in year 11-12, selecting from a number of general sciences and an applied science. Science at Dakabin SHS allows students to develop scientific literacy and skills required to engage meaningfully in contemporary issues, evaluate the opinions and views of others, and make independent and informed decisions.



DIGITAL TECHNOLOGIES

Welcome to the Digital Technologies department at Dakabin State High School, where innovation meets education, and the future is shaped through computational thinking and technological prowess. As prospective parents and students, we invite you to embark on a journey of discovery and skill-building in the dynamic world of digital technologies. Our department offers a comprehensive range of subjects tailored to meet the evolving needs of the digital age.

For our youngest learners in Year 7, we introduce the foundational Digital Technologies subject. Here, students delve into the realms of computational thinking and information systems, honing their abilities to define, design, and implement digital solutions for real-world challenges. Through hands-on projects and creative problem-solving, students develop a deep understanding of how technology can be harnessed to effect positive change in their lives and communities.

As students progress into Years 9 and 10, they have the opportunity to explore the exciting Digital Innovation subject. This course takes computational thinking to the next level as students tackle complex, real-world problems head-on. From defining and decomposing challenges to designing user experiences and crafting algorithms, students engage in a dynamic process of innovation and creation. Moreover, they delve into the realm of object-oriented programming languages, equipping themselves with the technical skills needed to bring their ideas to life in the digital landscape.

In the senior years of Year 11 and 12, students can pursue our Certificate II in Applied Digital Technologies (ICT20120 - Release 2). This comprehensive program offers a qualification that not only enhances their digital literacy but also provides the foundational skills and knowledge necessary for a successful transition into the workforce. Through a blend of theoretical learning and practical application, students master the use of basic applied digital technologies across varied contexts. Whether it's navigating software systems, troubleshooting technical issues, or leveraging digital tools for problem-solving, our students emerge as proficient and confident digital natives ready to thrive in the professional world.

At Dakabin State High School, we pride ourselves on fostering an inclusive and supportive learning environment where every student can excel. Our dedicated team of educators is committed to nurturing the talents and passions of each individual, ensuring that every student receives the personalised attention and guidance they need to succeed. Moreover, we continuously strive to stay abreast of the latest developments in digital technology, ensuring that our curriculum remains innovative, relevant, and forward-thinking.

As you consider your educational journey, we encourage you to explore the exciting opportunities awaiting you in the Digital Technologies department. Whether you're a budding coder, a tech enthusiast, or simply curious about the limitless possibilities of the digital world, we welcome you to join us on this exhilarating adventure. Together, let's unlock the potential of tomorrow through the power of digital innovation and exploration.

If you have any questions about our Digital Technologies curriculum here at Dakabin State High School, please contact

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HEALTH & PHYSICAL EDUCATION (HPE)

In the Health and Physical Education Faculty we offer a wide range of curriculum subjects for our students during their time at Dakabin. On top of these subjects, we also offer our students extracurricular sporting opportunities to participate in events like District Gala Days, BOSL tournament teams and other various extracurricular sporting competitions for Basketball, Volleyball, Rugby League, Futsal, Touch Football, Netball and League Tag. There are also Inter-house Sporting Carnivals and House Cup challenges running through-out the year. We have embedded our signature Basketball Academy program within the school and are currently the only Queensland State School operating in a partnership with the Brisbane Bullets.

In Years 7 & 8 we run our Australian Curriculum HPE classes as well as a Basketball Focus class in each year level to build Basketball foundations for our students. In Years 9 & 10 we continue our Australian Curriculum journey with our mainstream HPE classes as well as offering an Elective option of the Basketball Academy class. This class runs separately to HPE and students develop advanced skills and tactical knowledge of Basketball within these units. In Years 11 & 12 we offer students 4 different senior HPE opportunities. These being Physical Education (General), Sport and Recreation (Applied), Certificate 3 in Sport and Recreation (VET) and Certificate 3 in Fitness (VET). Each of these subjects allows students to develop a range of skills and knowledge in the Sport, Fitness and Recreation industry and prepares them for a variety of employment opportunities post schooling.

Students from Year 7 to 12 also have the opportunity to access the school Gym during scheduled break times each day. To access the Gym, students need to complete the required Gym permission paperwork as well as complete a Gym Induction with a qualified HPE Teacher to ensure they use the facility safely and responsibly. The Gym is also used by a wide range of our classes to engage in their curriculum.



AGRICULTURE

Dakabin State High School is unique with its spacious green setting and its working Farm. Our Ag subjects are based around our 8-hectare farm which runs 2 registered cattle studs, Australian Lowlines and Square Meaters and a registered Suffolk sheep stud. The farm is well resourced with cattle and sheep yards, chicken pens, machinery, hydroponic and aquaponic growing units as well as raised garden beds.

We have 2 dedicated Ag classrooms with fish tanks and an outdoor learning area for our small animals including Guinea Pigs, birds and dogs.

Junior subjects offered:

All Junior Subjects are a part of the Design and Technology Curriculum and exposes students to Agriculture as an industry in Australia.

- Years 7 - 8 Agricultural Science. Students study Agriculture for a Semester. This is an introductory course where students will develop knowledge and skills surrounding plant and animal-based production by completing a range of design-based projects.
- Year 9 Small Animal Studies. Student's study this for Semester 1 or 2. Students complete a range of design-based projects and practical activities to develop their knowledge, understanding and skills with small animals and livestock.
- Years 9 Agricultural Science. Student's study this for Semester 1 or 2. Students will develop knowledge and understanding of agribusiness, animal husbandry practices, animal nutrition and how food is produced from paddock to plate, by completing a range of design-based projects.

Senior subject offered:

Year 10

- Agricultural Science - combines hands on units and AgTech units
- ACM10121 Certificate I in Animal Care Industry Pathways
- Stand-alone VET subjects that contribute 2 points towards a student's QCE on successful completion of all competencies.

Year 11 & 12

- AHC30116 Certificate III Agriculture
- ACM20121 Certificate II Animal Care
- Stand-alone VET subject. Certificate III contributes 8 points to QCE. Certificate II contributes 4 points towards a student's QCE on successful completion of all competencies.

We offer the following extracurricular activities:

Stud cattle show team (Established 1991). Students train before school and at lunchtimes and attend shows on the weekends. The students train and show cattle for other cattle studs, as well as breeding, training and exhibiting our own cattle. These include:

- Square Meater Stud
- Lowline Stud
- Show Steers



Sunflower Trial – University of Queensland. Student design an experiment where they plant and grow sunflowers starting in February each year and then compare their flowers and are judged on their assignments.

Hy-Line Brown School Egg Laying Competition. The Ekka has partnered with Australian Egg Corporation Limited and Specialised Breeders Australia to provide schools with six (6) eighteen-week-old Hy-Line Brown hens. Schools prepare and exhibit their three (3) best hens to take to Ekka, with the competition consisting of three main elements:

- Birds
- Eggs
- Project

Bee Keeping. Dakabin has a hive that the students rob during the year producing quality honey that is sold around the school by the students.

Small Animal Nurseries. Students and Year 11 and 12 Certificate I and II Animal Care and run several animal nurseries each year at local primary schools and community festivals. These are run mainly on the weekends.



PERFORMING ARTS

In a constantly changing world, where the needs of the future job market are continuously changing, the importance of a well-rounded education cannot be emphasised enough. Whilst core subjects frequently take centre stage in discussions about academic endeavours, it is crucial not to underestimate the significant advantages of engaging in Performing Arts studies. From nurturing creativity to equipping students for various career paths including performance, production and education, Performing Arts subjects present numerous opportunities for both personal and professional development.

Performing Arts offers four subject strands: music, dance, drama, and media arts. Throughout years 7 and 8, students will have the chance to explore each of these subjects for one term, enabling them to discover their areas of interest. This exploration will prepare them to make well-informed elective subject choices in Years 9 through to 12, where they will commit to studying a chosen subject for an entire year.

Music

Music as a school subject offers students a unique opportunity for creative expression, personal development, and cultural appreciation. Through the study of music, students explore various aspects of melody, harmony, rhythm, and timbre, gaining both theoretical knowledge and practical skills. One of the primary benefits of studying music is its ability to enhance cognitive abilities and academic performance. Additionally, music education encourages critical thinking, problem-solving, and attention to detail. Whether through singing, playing an instrument, or composing music, students learn to communicate their emotions and ideas effectively through sound. By studying music, students not only acquire musical proficiency but also develop a range of transferable skills that are valuable for their academic and personal growth.

Dance

Dance education provides students with a dynamic and enriching avenue for artistic expression, physical fitness, and personal development. Through the study of dance, students explore various movement techniques, styles, and choreographic concepts, gaining both technical proficiency and creative insight. One of the primary benefits of incorporating dance into the school curriculum is its positive impact on physical health and well-being. Engaging in dance activities promotes strength, flexibility, and coordination. Furthermore, dance education nurtures creativity and self-expression. Students have the opportunity to explore and experiment with different movement vocabulary, improvisational techniques, and choreographic structures. Whether through contemporary, ballet, jazz, or cultural dance forms, students learn to communicate emotions, ideas, and narratives through the language of movement, developing their artistic voice and confidence in self-expression. By engaging in dance education, students not only develop technical skills and creative abilities but also cultivate a holistic understanding of themselves, their peers, and the world around them.

Drama

Drama studies provide students with a rich and immersive platform for creative expression and collaborative learning. One of the primary benefits of drama education is its ability to foster empathy and emotional intelligence. By exploring different characters, narratives, and perspectives, students develop a deeper understanding of human emotions, motivations, and relationships. Through role-playing and improvisation, they step into the shoes of others, gaining insight into diverse life experiences and enhancing their capacity for empathy and compassion. Furthermore, drama education nurtures creativity and imagination. Students have the opportunity to unleash their creativity through scriptwriting,



improvisation, and theatrical production. Whether creating original works or interpreting existing texts, students learn to think critically, solve problems, and communicate ideas effectively through the medium of drama, fostering their artistic voice and confidence in self-expression.

Moreover, drama education promotes collaboration and teamwork. Through rehearsals, and performances, students work together towards a common goal, learning to listen, compromise, and support one another. Collaboration in drama fosters a sense of community, belonging, and mutual respect among participants, as they share the joys and challenges of bringing a theatrical production to life.

Media Arts

Media arts as a school subject provides students with a dynamic platform for creative expression, critical thinking, and digital literacy. Through the study of media arts, students explore various forms of multimedia, including photography, filmmaking, graphic design, and digital storytelling, gaining both technical skills and conceptual understanding.

One of the primary benefits of media arts education is its ability to cultivate creativity and innovation. Students are encouraged to experiment with different mediums, techniques, and technologies, unleashing their imagination and pushing the boundaries of traditional artistic expression. Whether through digital manipulation, visual composition, or narrative structure, students learn to convey ideas and emotions through the language of multimedia, fostering their artistic voice and confidence in self-expression.

Media arts education promotes critical thinking and media literacy. In an increasingly digital and interconnected world, students learn to analyse and deconstruct media messages, discerning between fact and fiction, bias and objectivity. Through the creation and consumption of media, students develop a critical understanding of how images, sounds, and narratives shape our perceptions and influence society, empowering them to become informed and responsible media consumers and producers.

Through group projects, workshops, and critiques, students work together to conceptualise, create, and present multimedia artworks, learning to communicate and collaborate effectively with peers from diverse backgrounds and perspectives. Media arts projects often integrate elements of technology, design, and storytelling, providing students with opportunities to apply their skills and knowledge across different disciplines.

Extra-Curricular

Not only are students provided with rigorous experiences in the classroom, our experienced staff also offer a range of extracurricular activities that students from Year 7-12 can be involved in at lunch times and after school. These include; school musicals, dance squad, theatre sports, and the instrumental music program. Through teamwork, creativity, and performance, students engage in immersive experiences that foster personal growth and enhance their social and artistic abilities. These activities complement academic studies and contribute to a well-rounded education by promoting discipline, confidence, and a sense of community.

Studying Performing Arts is not just about honing artistic talent – it's about unlocking the full potential of students and preparing them for success in all aspects of life. From building confidence and self-expression to enhancing communication and collaboration skills and promoting cultural awareness, the benefits of studying Performing Arts are far-reaching and enduring. So, join us to embrace the transformative power of Performing Arts and embark on a journey of self-discovery, growth, and limitless possibilities.



DESIGN & TECHNOLOGIES

Hospitality: Hospitality practices: Home Economics: Food Science: Farm to fork:

Welcome to the Hospitality Faculty at Dakabin High. We offer subjects for year levels 7 to 12 in curriculum and learnings that focus on the business and service industry of Hospitality, Food Science, Home Economics and Farm to Fork. These studies allow students to be creative in the design and production of food products, textiles, work within service industries, skills and understandings in essential life skills.

Food science focuses on the importance of consuming a variety of foods, and food preparation skills when making food decisions within specific contexts. Students will progressively develop knowledge and understanding about the nature of food and how to make informed and appropriate food preparation choices when experimenting with, preparing, presenting and serving food.

Senior courses in Hospitality practices and Certificate III in Hospitality allow students to gain skills and a nationally recognised qualifications within newly renovated hospitality kitchens and workspaces. Students have the opportunity to experience workshops, excursions and work experiences planning, designing and catering for events to showcase skills and services.

The student coffee shop and student window are a special Dakabin High welcome and allow students opportunity to develop skills within the industry.

ITD

Welcome to the faculty of Industrial Design and Technology. The subjects offered for ITD include general workshop and design classes for junior students in years' 7 to 10, as well as Senior classes in furnishing and nationally recognised Certificate courses in Construction, Construction Pathways and Engineering Pathways.

Our students enjoy using skills traditional, mixed with newer technologies and techniques with a range of materials, natural and manufactured. Projects are based around developing design and production skills, with manufactured products keenly completed by students.

The technologies available to students include 3D and timber router and laser processes, that are used to embellish and complete students workshop manufactured projects. Student's projects are usually completed within a set term, with teachers optimising available resources to deliver courses balancing materials specifications and theory with hands-on practical production.

Senior students access theory modules with our training partner Blue Dog Training, and complete hands-on practical assessments to complete Certificate I and II courses in Engineering and Construction across two years of study.

Visual Art

Students have access to Visual Art classes across years 8 to 12, enjoying many learning experiences and creation of artistic masterpieces in the world of colours, textures, materials and production. Students have a learning journey experimenting, refining, analysing, visualising, creating and producing art and supporting theory concepts in a subject that is popular with students and able to produce outstanding portfolios and gallery presentations.



Students evaluate how representations communicate artistic intentions in artworks they make and view. They evaluate artworks and displays from different cultures, times and places. They analyse connections between visual conventions, practices and viewpoints that represent their own and others' ideas. They identify influences of other artists on their own artworks. Students manipulate materials, techniques and processes to develop and refine techniques and processes to represent ideas and subject matter in their artworks.

The Visual Arts Certificate III courses give nationally recognised qualifications to students who complete a range of required competencies and production outcomes. This qualification enables students to develop the basic creative and technical skills that underpin visual arts and craft practice. Students will explore, practice and develop the fundamental skills of painting, drawing, sculpting, designing, storing and curating artworks. Junior studies allow students to prepare for CUA31120 Certificate III in Visual Arts in Years 11 and 12.

Early Childhood Education

The first five years of life are critical in shaping growth and development, wellbeing, relationships and learning. These early years can have a significant influence on an individuals' accomplishments in family, school and community life. The Early Childhood Education subject offered at Dakabin High develops students to explore curriculum focused on development of children in early stages of life.

Early childhood studies involve many different approaches, the main focus being the significance of play in a child's life with activities that investigate imagination, exploration, investigation and meaningful experiences for growth in their world.

This year 11 and 12 course teaches ideas related to the fundamentals of the industry practices in Early Childhood learning. Students plan, implement and evaluate play-based learning activities responsive to the needs of children. They learn about the childcare industry. This includes roles and responsibilities of workers and associated care services, and opportunities to experience the work that Early Childhood educators play in developing child development and wellbeing.

Design

Also part of the Home Economics, Visual Art and ITD faculty is Design.

For Home Economics, units are delivered that deal with Fashion as a means to teach design concepts.

Fashion for the Sun provides opportunities for students to develop an understanding of the dangers of over-exposure to the sun and to show their creative flair when choosing, designing or promoting cool sun-savvy clothes and accessories.

The resource includes a number of curriculum support materials that align with the Australian Curriculum. The materials include presentations on skin cancer and sun safety, design challenges, research tasks, assessment guides, fact files, guidelines and student response (activity) sheets.

Students also have the opportunity to study Design within the ITD faculty studying units in design principles of products and environmental factors in our world. This introduces students to design challenges in working with spaces used by students and leads them through curriculum focused on elements of design.