

Faculties

Science

Science in the classroom at Robina State High is where students are encouraged to consider scientific principles and phenomenon relevant to their life. Teachers facilitate the development of critical thinking skills. Students are given the opportunity to undertake scientific practical investigations – including using the Aquaculture and Marine Centre currently under construction.

In year 8 and 9 learning experiences are based on the Queensland Science KLA Strands:

- Life and Living
- Earth and Beyond
- Energy and Change
- Natural and Processed Materials
- Science and Society

In year 10 (transition year) through to years 11 and 12, students are given the opportunity to study science that promotes preparing young Queenslanders for their future in a global economy. Science subjects include:

- Biology
- Chemistry
- Physics
- Science 21
- Marine Studies - Yearly Fee: \$300 - Students must be competent swimmers
- Marine and Aquatics Practices (Year 11/12 only) - Yearly Fee: \$300 - Not Offered Beyond 2008
- Cert III Fitness Yearly fee \$150. Aquaculture and Marine centre is completed.

Science students at Robina SHS are encouraged to engage in extracurricular opportunities outside the classroom, including:

- Australian National Chemistry Quiz
- CSIRO Student Research Scheme
- Griffith University Gold Coast Schools Science Competition
- Griffith University Gold Coast Science and Engineering Challenge
- Royal Australian Chemical Institute Titration Competition
- Smart Woman - Smart State Award
- University NSW International Competitions and Assessment for School

- University Queensland Ambassador Program
- Science excursions and camps

Mathematics

At Robina State High School, the aim is to develop and implement Mathematics programmes which will enable students to:

- Maximise their mathematical potential so that they may competently and confidently undertake current and future study and training to facilitate effective participation in their future life roles
- Develop an appreciation and enjoyment of mathematics itself
- Realise that mathematics provides a powerful means of communication

Junior Mathematics is studied by all students from Year 8 to Year 10. The sequence of the subject matter is arranged in a core and extension format. Students are arranged into flexible groups (Extension, Intermediate, Core), based on student performance and aptitude, to enable the students to be taught in a manner appropriate to the group. Movement between groups may occur after testing during the semester.

In Year 11 and 12 students can study more than one mathematics subject. They may choose from:

- Prevocational Mathematics
- Mathematics A
- Mathematics B
- Mathematics C

Students are encouraged to participate in the Australia Mathematics Competition.

SOSE

The SOSE Department has a wide range of curriculum offerings for students which encompass the full range of Essential Learnings as dictated by Education Qld.

In Year 8 SOSE, all students study the following units:

- 'Who Do You Think You Are?' – students research their own backgrounds before learning about youth cultures around the world.
- 'Blood, Sweat and Tears' – students explore the development of the Australian identity through our military involvement in world conflicts.
- 'Populate or Perish' – students investigate the impact of immigration on Australian culture and history.
- 'Tsunami Terror' – students study the natural characteristics of the Asia-Pacific region and the natural disasters faced.

In Year 9 all students study a course which includes:

- 'Crime and Punishment' – explores crime and punishment throughout history.
- 'Rebels With a Cause'
- 'Power to the People' – a comparative study of China’s, India’s and Australia’s political and economic systems.
- 'Inconvenient Truths' – an exploration of the environmental, social and political challenges facing the world today.

Year 10 is a preparation year for senior and enables students to choose introductory subjects for Years 11 and 12. Current subject choices are:

- 'Wealth Creation' – an introduction to Economics
- History – focussing on both Modern and Ancient History
- Geography
- Tourism

In Year 11 and 12 students may choose from:

- QSA OP eligible subjects: Modern History, Ancient History, Geography, Economics
- Tourism – Non-OP subject

Students are encouraged to participate in a wide range of extra-curricular opportunities outside the classroom including:

- ASX Share Market Game
- Australian Geography Competition
- The Simpson Prize
- Asia Wise Competition
- United Nations Youth Forum
- Field trips and excursions
- Gold Coast City Council Water Wise Competition

Languages

Learning Japanese or German at Robina High focuses on developing communicative proficiency, cultural understanding and the development of critical thinking skills.

WHY LEARN A LANGUAGE?

- Learning another language gives the learner the ability to step inside the mind and context of that other culture, and develop global understandings.
- Research shows that knowledge of other languages boosts students' understanding of languages in general and enables students to use their native language more effectively.
- Language ability improves your career prospects and gives you an edge over monolingual applicants competing for the same jobs.
- Research shows that people who have learned a foreign language show greater cognitive development in areas such as mental flexibility, creativity, and higher order thinking skills, such as problem-solving, conceptualizing, and reasoning.

The languages course at Robina High is based on the Queensland Languages KLA Scope & Sequence Document for years 4 -10 and the QSA Senior Languages Syllabus for Year 11 and 12. Topics covered include:

- Self Introductions, Food, Sport and Travel in Year 8
- Marine Tourism, House Design and Retail Therapy in Year 9
- Fashion, Employment, Leisure and Gold Coast Tourism in Year 10.
- Health, Environment, Travel, Leisure and Entertainment, Post School Options and Language for the Tourist Industry in Years 11 and 12.

Language students at Robina SHS are encouraged to engage in extracurricular opportunities outside the classroom, including:

- Australian National Language Certificate Tests
- Gold Coast Language Speech Contest
- Hosting of Japanese Exchange Students
- Annual Trip to Japan
- Japanese and German Dinners
- Family Social Events celebrating languages such as our Year 8 "On the Red Carpet" and Year 10 "Funky Fashion Parade";

Able and interested students may consider studying our Japanese Immersion course in Years 8,9 and 10 where they will be taught Maths, Japanese, Science and Computers completely in Japanese. For more information about the Immersion Program please visit our Immersion page.

Health and Physical Education

In the Health and Physical Education department students participate in a wide variety of physical activities and study a range of theoretical concepts related to physical activity. There are three areas of Health and Physical Education at Robina SHS – Junior Health and Physical Education, Recreation and Physical Education.

In Year 8 and 9 students study from the Health and Physical Education KLA. During the two years of study students will cover the following concepts:

- Team work and Leadership
- Self-Development and Awareness
- Alcohol and Drug Education
- Sports Nutrition
- Sports Science
- A range of physical activities

In Years 10, 11 and 12 students can complete either Physical Education or Recreation.

In Physical Education (OP Eligible Subjects) students study areas of:

- Biomechanics
- Exercise Physiology
- Sociology
- Sports Psychology
- Volleyball, Touch or Netball, Dance and Badminton

In Recreation (Non-OP Eligible Subjects) students study areas of:

- Tournament Organisation
- Camping
- Water Sports and activities
- Orienteering
- First Aid
- A range of physical activities
- Yearly fee: \$200

English

Many of our students represented the school in regional competitions, including Rochelle Siddle, Elli Dowley and Leah Emery, who participated in the Gold Coast Schools Debating Competition.

Brother and sister team Michael Bradshaw and Laura Bradshaw participated in the National Nine News Junior Newsreader Contest. They received a certificate and video of their performance and community recognition. The Grin and Tonic Theatre Troupe visited our campus and performed excerpts from various Shakespearean plays for our Year 10 and 12 students. This annual event provides our students with an inspirational educational and highly entertaining experience.

Many of our students across all year levels had the opportunity to sit the Australasian Schools English Competition.

Business Education

Business Education at Robina State High ensures students are exposed to learning experiences that align with current industry practice. Teachers encourage the development of real-world skills and a deep understanding of the nature and role of Business in a modern society.

In Years 8 and 9 in Computer Applications and in Year 9 Business learning experiences are based on Technology Essential Learnings. This encompasses:

- Software usage in a business context
- Design and production of professional documents that meet business standards
- Basic Business Principles including marketing, communication and accounting
- Enterprises and Entrepreneurs

Year 10 subjects are all one semester in length, allowing students the chance to explore, at an introductory level, all the subjects available in Years 11 & 12, including a Certificate I in Information Technology. In addition a Certificate I in Work Readiness (including structured work placement) is available for selection.

In Years 11 and 12 students are given the opportunity to study a range of business subjects that prepares them for further study towards professional careers, further training or employment. Business subjects include:

- Accounting
- Business Communication and Technologies (embedded with a Certificate II in Business)
- Legal Studies
- Information Processing and Technology
- Computer Applications
- Certificate II in Information Technology
- Certificate II in Multi-Media

Business students at Robina State High are encouraged to involve themselves in extra curricular activities such as:

- QUT Accounting Forum
- University of NSW Business Competition
- University of NSW Computer Skills Competition
- Mooting Competition
- Qld Youth Parliament
- Business Ventures (school based activities)
- Excursions to

- Law Courts
- Dreamworld
- ICT Week

Industrial Technology & Design

The Industrial Technology and Design department offers a variety of subjects for both OP bound students, through Graphics and Technology Studies, and Non-OP students with offerings of Certificate courses in Furnishings and Engineering and SAS (School Based) subjects such as Industrial Technology Studies and Furnishing Studies.

Junior students can choose from a variety of subjects that closely align with senior courses. Students study under the KLA (Key Learning Area) of Technology which covers all the Essential Learnings for the area. All students who study Industrial Technology subjects are generally practical by nature and enjoy making and designing useful everyday items. Not all students aspire to move into a trade area after studying this subject, many simply enjoy the challenge or want to do a practical subject that gives breadth to their subject choices. Graphics and Technology Studies students, too, are not necessarily after a Engineering or Architectural career but may enjoy designing drawing and interacting with technology as an area of interest.

Students make a variety of projects across all subject areas from Plastics and Electronics, to Timber and Heavy Metal Fabrication. Graphical Representations, Research Reports and Design Folios are also incorporated across many of the subjects. All areas adhere strictly to WPHS requirements and this is an integral part of each subject. Careers opportunities include Architects, Engineers and Graphic Designers to Carpenters, Boiler Makers, Cabinet Makers and Electricians.

Year 8

ITG Industrial Technology and Graphics

Year 9

ITD Industrial Technology and Design

GRA Graphics

Year 10

CFN Certificate I in Furnishings

GRA Graphics

Year 11 & 12

OP eligible subjects:

TST Technology Studies

GPH Graphics

Non-OP subjects:

ITS Industrial Technology Studies

CEN Certificate I in Engineering

FUR Furnishings Studies

Lifestyle Management

Teaching and learning in the Lifestyle Management department focuses on developing valuable life skills that promote the health and well-being of the individual and family in our society. Students are provided with opportunities to learn and develop skills through practical participation.

In Year 8 & 9 the following studies are drawn from the Technology KLA and Health and Physical Education KLA:

- Lifestyle Management (Year 8 & 9) - Year 8 Recipe Book

- Textile Studies (Year 9)

- Nutrition Studies (Year 9) - Recipe Book

In Year 10, 11 & 12 students are given opportunity to study in:

- Lifestyle Management (Year 10) - Recipe Book

- Home Economics (Year 11 & 12)

- Hospitality (Year 10, 11 & 12) - Year 10 Recipe Book Year 12 Recipe Book
Students undertaking Hospitality in Yr 11 will have the opportunity to complete Certificate 1 in Hospitality (Operations)

- Early Childhood (Year 11 & 12)
Work experience is offered to students undertaking Early Childhood.

The Arts

Arts in the classroom at Robina State High is where students are encouraged to express and communicate what it is to be human through Dance, Drama, Media, Music and Visual Arts. The Arts, separately and collectively, can balance and enrich student experience by fostering unique and significant skills and understandings. Students are actively encouraged to become involved in the wide range of extra curricula activity that extend from the basic key learning areas. In Years 8 and 9 the Arts Key Learning Areas emphasise active engagement and reflection within the following strands:

- Dance

- Drama

- Media (Digital Arts)

- Music

- Visual Arts

In Year 10, 11 & 12 students are given opportunity to study in Authority (OP eligible) and Non Authority (SAS) subjects:

- Art

- Drama

- Music
- Dance
- Film, Television and New Media (own mini dv video camera required; additional \$100 fee applies)
- Digital Photo Imaging (Adobe Certification Certificate - \$40 fee; own digital camera required)
- Interactive Media and Web Design (Adobe Certification Certificate)
- Applied Art
- Applied Drama

Arts students at Robina SHS are encouraged to engage in extracurricular opportunities outside the classroom, including:

- Dance Night
- Gold Coast and Brisbane Eisteddfod
- Gold Coast Drama Festival
- Drama Performance Nights
- Local Film Festivals
- Fanfare Festival
- Art Exhibitions
- Photography Exhibitions
- Excellence in Arts
- Energies
- Gold Coast Show
- Showcase Week

Special Needs

Robina SHS promotes the philosophy of inclusive schooling in a supportive school environment by managing a whole school approach to the needs of students with a disability. By utilising the expertise of Special Education (SEC) staff we ensure maximum access to educational outcomes for all students with a disability by:

- providing socially inclusive policies
- quality teaching practices
- appropriate support provisions
- flexible organisational arrangements

The Special Education service at Robina SHS offers a range of support modes for students profiled under the Educational Adjustment Profile (EAP) process. These students have either singular or multiple impairments in the following areas: Intellectual, Physical, Hearing, Vision, Speech/Language, Autism Spectrum Disorder. Most student timetables are individualised and designed to best meet the individual needs and goals of the student. Students who are

supported by the SEC usually access modified assessment/reporting and are eligible to gain an alternate Year 12 certificate called the Queensland Certificate of Individual Achievement (QCIA). Students, their families and the school decide upon studies in mainstream subjects from year 8 to year 12 and/or choose alternative subjects, which have been designed to address issues and needs which are not part of the regular school curriculum. These alternative subjects focus on the long term vocational and lifelong learning goals of the student and their families.