

CRONULLA HIGH SCHOOL



CURRICULUM

ENRICHMENT

PROGRAM

Revised February 2018

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INTRODUCTION

Cronulla High School has the tradition of educational excellence and our professional and skilled teachers are the key to that excellence. Our teachers are committed to nurturing the best possible outcomes for all students across the curriculum providing them with opportunities to experience success in their learning and personal growth. While the academic curriculum at Cronulla is strong and varied with a wide range of subjects from which students may choose patterns of study for both the ROSA and Higher School Certificate, we understand that education and the need for enrichment and extension of your child is vital to ensure continued development and academic success.

Cronulla High promotes and recognises individual achievement across the full range of individual talents and abilities and as such provides a curriculum enrichment program that contains activities and opportunities for each student to develop his or her interests, self-awareness, esteem and confidence. These activities provide opportunities for students to expand their learning experiences, explore interesting leisure activities and develop their social skills.

This booklet contains information about curriculum enrichment activities and opportunities available to students through the school. Many of these are provided by staff, parents and fellow students. They include performance groups, a variety of faculty related competitions and activities, study tours, sporting teams, together with clubs and groups which meet or interact for the benefit and enjoyment of members.

Tony Ibrahim
Principal

ENGLISH

Debating & Public Speaking

All students are able to participate in public speaking and debating as part of the regular curriculum and also as extracurricular activities. Expert tuition is provided for all students interested in developing their skills and in participating in inter-school or inter-class competitions. Students learn how to express their ideas fluently and confidently, how to think on their feet and how to develop and support logical argument. Students have the option of entering a number of debating and public speaking competitions against other schools in a knock-out format.

Year 10 Extension Course

Throughout terms two, three and four, students participating in the Enrichment Program are invited to undertake a weekly Extension English class every Friday during period O. The course is designed to prepare students for the rigours of the Stage 6 Advanced and Extension English courses by challenging them to think critically and philosophically through engagement with sophisticated texts.

The English Competition

Through the University of New South Wales, The International Competitions and Assessments for Schools (ICAS) assesses the reading and language skills of students in a range of contexts. The following aspects of texts are assessed: reading for meaning in literary texts, reading for meaning in factual texts, textual devices, syntax and vocabulary. The questions require students to locate, identify, interpret, infer and synthesise information in and about texts.

Students read a variety of texts which narrate, describe, explain, argue, persuade and review. The types of texts include extracts from picture books, novels, poems, play scripts, transcripts of interviews, letters, diary entries, advertisements, webpages, feature articles, opinion pieces and comics. These texts cover a range of topics and may include tables, diagrams, maps and other visual information.

The texts which students read will increase in complexity within each paper from Paper A to Paper J, moving from simple texts dealing with familiar subjects and topics to complex texts incorporating abstract concepts and sophisticated language structures.

The assessments are marked externally under ICAS supervision and detailed diagnostic reports are then issued to parents based on their child's performance in this Competition.

The Creative Writing Competition

Students have the opportunity to write and submit stories in a range of different creative writing competitions. The winners in each age group receive monetary prizes and are recognised in public ceremonies across the Sutherland Shire.

MATHEMATICS

Australian Mathematics Competition

This competition has an emphasis on problem solving, a valuable life skill, and the questions are designed to be fun for the student. Time allowed is 75 minutes for the secondary papers.

Over 1,000 students share the prizes and around 50% of participants qualify to receive a Certificate of High Distinction, Distinction or Credit. All other entrants in the competition receive a Certificate of Participation or a Proficiency Certificate. All students are also provided with a detailed report showing how they performed on each problem with wider statistical rankings.

SCIENCE

Science Competition (International Competition and Assessment For Schools)

The International Competitions and Assessments for Schools (ICAS) Science Competition assesses students' skills in the key scientific areas of:

- Interpreting data, including observing, measuring and interpreting diagrams, tables and graphs
- Applying data, including inferring, predicting and concluding
- Higher order skills, including investigating, reasoning and problem solving

The papers will cover content on:

- Earth and Beyond (incorporating the Earth Sciences and Astronomy).
- Energy and Change (incorporating Physics).
- Life and Living (incorporating Biology and Ecology).
- Natural and Processed Materials (incorporating Chemistry).

Science and Engineering Challenge

The Science and Engineering Challenge is a nationwide STEM outreach program presented by the University of Newcastle in partnership with communities, Rotary clubs, universities and sponsors.

Through the Challenge, students experience aspects of Science and Engineering which they would not usually see in their school environment.

The challenge runs a range of programs but focuses on inspiring students in Year 10 to consider a future career in Science and Engineering by choosing to study the enabling sciences and mathematics in Years 11 and 12.

STEM

STEM education is the learning of science, technology, engineering and mathematics in an interdisciplinary or integrated approach. Students gain and apply knowledge, deepen their understanding and develop creative and critical thinking skills within an authentic context.

All students studying science will participate in a project based STEM learning activity in the laboratory during the year.

Science in the city

Science in the City is run by executive partners the Australian Museum and the University of Sydney and provides primary and high school students with exciting hands-on science workshops, shows, talks and an expo to celebrate National Science Week each year.

"Science in the City gives students the wonderful opportunity to experience aspects of science they don't get to do in the classroom, including using equipment not usually found in schools, meeting research scientists from universities and science research organisations, and learning about science disciplines not offered in school," explains Professor Hambley, Professor of Chemistry at the University of Sydney.

Shire Inter-Schools Forensic Challenge

Each year a team of Year 9 students are able to compete against other local schools in the Forensic Challenge. This carefully structured experience encourages students to apply a multitude of cross-curricular skills and cutting-edge science techniques. We give participants a taste of real-life forensics together with the opportunity to solve a mysterious death. Teams of students harvest, process and analyse the evidence as CSI-like unit. The question is; can the scientific findings help their detectives solve the case? They will learn techniques from the beginnings of forensic science right through to DNA fingerprinting in order to reach a conclusion that fits the evidence.

HUMAN SOCIETY IN ITS ENVIRONMENT (HSIE)

The National History Challenge

The National History Challenge is a research-based competition for students. It gives students a chance to be historians, investigating their community and exploring their own past. It emphasises and rewards quality research, the use of community resources and effective communication and presentation. Students from years 5 to 12 submit their research at school level and can progress through Regional, State and National finals.

Australian Geography Competition

The Geography Competition promotes the study of Geography in Australian secondary schools. It is open to students studying Geography, or an integrated social science that includes Geography, in all years of secondary school.

The Competition is held each year in late March. It consists of multiple-choice questions testing geographical knowledge and skills. Students are graded at three levels depending on their age.

Fieldwork Research Action Plan Challenge

This challenge requires students in groups to conduct and develop a research action plan located within the Sydney Region on a current geographical issue. This program allows students to develop skills in problem solving, team work and citizenship synthesizing information and developing solutions to contemporary geographic issues.

Parliamentary Style Debating program

This program supports **Civics and Citizenship** curriculum content in Stage 5 History and Geography. Students at the forum each take on the roles of government or opposition. Members debate several matters of public importance responding to current issues, together with one piece of 'legislation'. In the course of the day students will be able to experience the processes of parliamentary chambers from a member's viewpoint, taking an active part in the debates which will be held in the Legislative Assembly Chamber.

Eco-Urbia Challenge

Eco-Urbia is a sustainability design competition for teams of talented Yr 10 students. Teams re-design an area of urban space to increase public engagement in sustainability issues in urban areas. Design teams of 3-4 students use the skills of their team members (including ICT, Science, Design & Technology, Mathematics and Geography), to devise a name, design concept and plan for this public space.

Australian Sharemarket Game

Students are given a hypothetical \$50,000 to trade shares for a 10 week period. Students will develop their knowledge of the share market and learn how to research companies. It is free to enter and students can win cash prizes.

TECHNICAL AND APPLIED STUDIES (TAS)

Catering

This task involves working together as a team to develop menus for various school functions throughout the year. The challenge enables students to be creative with menu creations yet work within constraints such as budget and skill level.

Students will develop management skills along with skills in the kitchen, team work and performing under time pressure.

Industry standard dishes will be the end product, to be served at functions such as school musicals, presentation days, Principal's luncheons and similar events.

Coffee Cart

Coffee Cart starts with students being sent to the Coffee School for a day's training. This gives students a certificate in coffee making which will enhance their resume. From here, a select few are chosen to run the school's coffee machine. This is where students get to make latte's, cappuccino's, hot chocolate's etc. each morning from 8.00am. Both staff and students are served each morning by the students who run the coffee machine. There are numerous benefits for the students to develop their interpersonal skills, work on the art of coffee making, manage time, and learn to run, operate and manage a simulated style small business. Students get to learn the ins and outs of catering for special functions at school, such as Principals meetings. As this is a voluntary operation, the students are rewarded with merits and other small incentives.

FI in Schools

The FI in Schools Technology Challenge is the world's largest secondary school technology program. It involves over nine million students from 17,000 schools in 31 nations.

Students as young as 10 are designing, testing and making miniature FI cars capable of 80km/h.

But it is not about fast cars. FI in Schools is a holistic action learning program which focuses on developing long term employability skills. Students learn leadership, team building, project management, business planning, public speaking, marketing, collaboration, writing and presenting skills.

COMPUTER STUDIES

At Cronulla High students are given a number of opportunities to extend themselves in computer studies. Student work is displayed on the school's social media.

Enrichment activities include the following:

- As students have Adobe Creative Cloud available for free to be installed on their BYOD, students are given opportunities in all classes to gain skills particularly in emerging software from Adobe.
- The opportunity to display student work at Conferences and when opportunities arise as has happened previously.
- Technology students support the Performing Arts Faculty in providing video and video editing services for various events such as School Musical, Open Night, Music Night and Performing Arts Night. This work is displayed on the schools YouTube Channel.
- Stage 6 Industrial Technology Multimedia students are given opportunities to attend Adobe Workshops to learn about future software technologies from Adobe Educators.
- Stage 5 Elective IST students create games using software called Construct 2 and Unity 3D Engine and have the opportunity to place an App on Apple Worldwide App Store as Cronulla High School has a developer license.
- Stage 4 students in the GAT class use higher end software for class and assessment tasks when this option is suitable.
- Stage 4 students are invited to after school coding class where they will learn a range of software language.
- First LEGO League – two teams will be entered into this event that is held in Term 4. This a big commitment for students and there will be an application process for inclusion in a team.

LANGUAGE

Japanese Educational Tour

Cronulla High School has a reciprocal arrangement with Nirasaki High School in Nirasaki, Japan. The elective Japanese classes from years 9, 10, 11 and 12 have the opportunity to go on an excursion with their teachers. They then host a return visit from Nirasaki High School.



The Nihongo Tanken Centre for Language Enrichment

The Nihongo Tanken Centre provides a stimulating and authentic Japanese environment where students from Kindergarten to Year 12 can use and further develop their Japanese language skills. The name Nihongo Tanken means *exploring Japanese* in the sense of an adventurous expedition into

Japanese language and culture, seeking a deeper understanding of the Japanese language in context. The Centre is a Japanese-style building and garden with the "look and feel" of Japan. Students and teachers are immersed in Japanese language and culture through innovative learning programs based on different themes

PERSONAL DEVELOPMENT, HEALTH AND PHYSICAL EDUCATION (PDHPE)

Premiers Sporting Challenge

This Challenge includes a range of initiatives with one common purpose - to have more Cronulla High School students more active, more of the time! The Premier's Sporting Challenge aims to engage young people in sport and physical activity and encourages them to lead healthy, active lifestyles.

Sport plays an important role in developing regular physical activity, provides positive health outcomes and is a fun and healthy way to connect with your local community. We invite students to take up the Challenge - and take the path to a healthier life.

At Cronulla High School in 2017, all Year 7 & 8 students completed the challenge, as well as students completing the Physical Activity and Sport Studies elective in Years 9 and 10. PSC is a great way for students to extend themselves in the context of their health and physical activity. In 2017, over 600 students participated in the challenge.

Premier's Sporting Challenge Sport Leadership program

Cronulla High School has been involved in the PSC SL program since its inception in 2009. This program offers selected students extension and enrichment, with the opportunity to develop and extend their skills in coaching and officiating in a wide variety of sport and physical activities. Cronulla High School has links with several local Primary schools who are also involved in the program. These links continue to strengthen as the program develops, with "Learning to Lead" workshops. Students in all years have the opportunity to become involved in this initiative. A 3-day leadership camp was also conducted in 2017 to further develop leadership skills in selected students.

Relay for Life

Relay for Life is an overnight, community event where teams of 10-15 participate in a relay-style walk or run to raise funds for the Cancer Council. The event brings the whole community together for a night of fun, entertainment, celebration and remembrance. Each Relay For Life event is organised by a local volunteer organising committee on behalf of the Cancer Council.

Cronulla High School has participated over several years and will continue to participate in future years. Several students have used this event to extend themselves in a variety of ways. Some students extend themselves in terms of social responsibility, working hard to raise money for the cause. Other students challenge themselves physically by walking for the entire 24 hours or attempting to walk or run a marathon. Relay for Life is also an outstanding opportunity for students to learn more about positive health behaviours and to spend time with their family and friends at a community event.

In 2018, Cronulla High School will be entering numerous teams for the relay. Interested students need to see Mr Welch (Head Teacher PDHPE) in the PDHPE faculty. The Relay for Life event will take place in May 2018.

9 PASS Adventure Camp

Year 9 Physical Activity and Sport Studies students have the opportunity to attend a 3 day (2 night) adventure camp at Cataract Dam Scout Camp. Students are involved in a range of challenging activities, including rock climbing, caving, abseiling and obstacle courses, whilst camping in tents at a secure location. Camp participants are also responsible for pre-camp planning, including clothing and equipment and dietary planning. Students who attended the camp in 2017 found the extension activities very challenging and a great way to build team spirit, self-confidence and self-esteem.

SCUBA diving course

All Year 10 Physical Activity and Sport Studies students are offered the opportunity to complete an Open Water SCUBA diving course, conducted by a local diving centre. Completing this internationally recognised qualification challenges students both physically and mentally over 2 days, and is an outstanding activity to develop self-confidence, trust and responsibility in students.

All students who have completed this challenging enrichment activity have found it to have been one of their most memorable school activities. This course can also be linked to other school based enrichment activities, such as the Duke of Edinburgh Award.

Duke of Edinburgh Award

The Duke of Edinburgh Award is an internationally recognized program for young people, building their skills to equip them for life and work. By crating opportunities for young people to develop skills, get physically active, give service and experience adventure, the Award can play a critical role in their development.

The key elements of the program are:

- It is open to all students aged 14 years and above.
- Our school currently runs all three levels: Bronze, Silver and Gold, each progressively more challenging.
- Each level has four sections: Physical Recreation, Skill, Service, Adventurous Journey plus a Residential Project for the Gold Level only.
- Achieving an Award recognizes individual goal setting and self-improvement through persistence and achievement.

The choice to do The Duke of Ed is entirely voluntary and every Award is different. Each participant chooses what activities they want to take part in for each section. It is a very personal program that offers young people a structure to fulfil their passions and ambitions in a way that sits them. Students have the freedom to progress through The Duke of Ed according to their personal needs and abilities.

CREATIVE AND PERFORMING ARTS (CAPA)

Within the Performing Arts faculty there are many opportunities to further develop skills and experience a deeper knowledge and understanding of Drama, Music and Dance. It is an expectation that students in our Extension stream participate and embrace the following opportunities.

Cronulla High School Vocal Ensemble

Cronulla High School Vocal Ensemble performs at various school events throughout the year, including the school musical, and at events in the wider community. In 2017 the Vocal Ensemble performed at the School Spectacular production, Olympic Park, and at Sydney Opera House as part of the Cantabile Concert. Selected Ensemble Members have also been invited to perform at the 2018 ANZAC Day Dawn Service in Cronulla.

Students from the Vocal Ensemble will be joining our Creative and Performing Arts Tour to New York, USA in April 2018.

Band

Students from our band are regularly selected to participate in various prestigious bands and music camps including the State Woodwind Ensemble, State Senior Music Camp, State Junior Music Camp, Sydney Region Band and the Schools Spectacular, representing Cronulla High School at metropolitan, district and state levels. In 2018 students from the band will be participating in our Performing Arts Tour to New York , USA.

The Concert Band rehearses after school on a weekly basis and performs music at an appropriate skill level – one that is both challenging and achievable. Students in the band are also provided with sectional tutorials with qualified tutors.

Throughout 2018 the bank will perform at various school functions, including Music Night and Arts in the Dark.

Small Vocal and Instrumental Ensembles

Each year these groups enjoy numerous performance opportunities, offering students valuable learning experiences that help to develop their musical skills while engaging in activities that reflect real world practice. Over the past few years, several rock bands and solo artists from Cronulla High School have auditioned successfully for inclusion in competitions such as *The Voice* and *Battle of the Bands*.

Cronulla High School offers opportunities for all students to use our excellent facilities including a purpose-built music studio and an industry standard recording studio.

Dance Company

Cronulla High school provides students with the opportunity to think imaginatively and share ideas, feelings, values and attitudes while physically and intellectually exploring the communication of ideas through movement.

Within the curriculum, students at Cronulla High School are able to choose dance as an elective subject in Year 9 and 10 and also study dance for the HSC.

All students are able to audition at the beginning of the year to be part of various dance groups which are run as co-curricular activities. The ensembles offered include the open Dance Company, Training Company and Show Group (for more experienced dancers) and a Junior Dance Ensemble. These selected students are provided with several opportunities to perform throughout the year including the Sutherland Dance Festival, the Sydney Regional Dance Festival, State Dance Festival, Schools Spectacular, School Musical and interstate and overseas tours.

Over the past five years, dance at Cronulla High School has grown and flourished with the progress of these dance groups. Students now have access to invaluable experiences which contribute to their whole development as well as use of a dedicated dance studio.

In 2018, a selective dance ensemble will tour New York, USA. These students will perform at several high profile venues in New York.

Drama

All students in Years 7-12 are given the opportunity to be part of a Drama Ensemble or Drama Company. All Drama Ensembles are designed to meet the needs, interests and performance skills of the individual. Students meet weekly and the learning experience is based on the collaborative development of performances produced for School Productions and Musicals, Regional and State Drama Festivals. Many of our students have successfully auditioned for a position in both the State Drama Ensemble and State Drama Company. Participation in these drama ensembles provides ideal learning opportunities for those students considering Drama as an elective subject. In 2018 the Drama Company will join the Performing and Creative Arts Tour to New York, USA where they will participate in professional acting workshops, and perform at various sites around New York.



VISUAL ART

Visual Arts students are provided with a variety of opportunities that develop, enrich and further extend their creative talent in painting, drawing, print making, sculpture photography, video, film making, digital media, and textile arts.

Guest artists are regular visitors to the Visual Arts students at Cronulla High School. Opportunities are continually sourced that provide the medium for our Visual Arts students to showcase and develop their creative talents.

Students are provided with the opportunity to participate in workshops, and encouraged to enter competitions such as Young Archies and Moran Photographic Prize, and regularly attend art galleries and exhibitions.

In class, students work individually and collaboratively, and each student will have the opportunity to exhibit at least one work at the Annual Art Exhibition in Term 3.

‘Art Squad’ meets twice weekly at lunch. During this time, artists from all years can come to a classroom workshop (or masterclass) to refine their skills in a variety of mediums; and a studio session, where students share ideas and techniques with each other whilst developing their own projects.

OTHER

Leadership Courses

The Student Leadership Program (SRC, Peer Support, captains and prefects) assists students to develop the knowledge, attitudes and skills they need to take on leadership roles, fulfil their potential and contribute positively to society. The program builds student self-esteem by providing many opportunities to contribute positively to the school. These include organising and assisting with various group activities and engaging in organised discussions and debates on student issues. Students develop skills such as decision-making, assertiveness and public speaking.

Students also learn how to support each other in a structured, caring and friendly environment. The program runs throughout the year and also includes activities such as managing morning assemblies, speaking at parent meetings and representing the school at formal occasions. Captains, prefects and the SRC undertake a leadership skills program. The SRC also raises funds throughout the year for charities and to sponsor talented students who represent the school.

Additional Leaders Courses include:

- Global Leaders Convention (World Vision)
- National Leaders Convention
- Zone and Regional SRC Conferences
- Cultural Exchange programs
- Cronulla High School Leadership Day