

Rotary Club of Upper Northern Beaches Working with Schools



- ☑ Leadership
- ☑ Global Awareness
- ☑ Citizenship
- ☑ Science



Working with Schools

What is Rotary?

Rotary International is a worldwide organisation of more than 1.2 million businesses, professional, and community leaders. Members of Rotary clubs provide humanitarian service, encourage high ethical standards in all vocations, and help build goodwill and peace in the world.

What is the Rotary Club of Upper Northern Beaches?

Formed in 2015 by the merger of the Rotary Clubs of Pittwater, Terrey Hills and Narrabeen Lakes, our club is one of 34,000 Rotary clubs in the world, 1,200 of them in Australia. Our constituent clubs can boast a history of service going back more than fifty years in the Northern Beaches. Our members are men and women from all walks of life.

Our Commitment to Youth

In 1949, Rotary International adopted the slogan “Every Rotarian an Example to Youth.” It was an expression of commitment to children and youth in every community where there are Rotary clubs. Each year, 500,000 young people participate in Rotary Youth Service programs worldwide, connecting to a global network of friendship, service, and action.



Participants in Rotary programs broaden their horizons and learn skills that will help them develop into fulfilled adults and successful community leaders.

This brochure summarises seven programs that have been tried and tested in Australia and are currently available to high school students in our area. These programs address aspects of leadership, global awareness, citizenship and science.



The Rotary Club of Upper Northern Beaches is proud to be able to support our local schools to connect your students to these exciting programs.



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Leadership



RYPEN - Rotary Youth Program of Enrichment

RYPEN is an intensive weekend program of plenary sessions, workshops, sport and entertainment. The program aims to help young people form their own values and standards, and to broaden their horizons by sharing a series of ideas, problems and social experiences.

Who is it for?

Years 9-10 high school students, 14 - 16yrs old.

What is it?

Participants in RYPEN develop motivation, improved life skills, better self image, pride in themselves and an understanding of how to set and achieve goals. The students interact with peers from different backgrounds and different districts, improving team work skills and having fun.

Participants will hear from special guest speakers from all works of life. Through keynote sessions and workshops they will share their experiences and discover the value of working hard and staying focused.

Students are encouraged to play an active part in introducing guest speakers, presenting group reports, assisting in camp tasks and being involved in group sessions.

Participants stay in dormitory-style accommodation (eight to a room) with meals provided in a communal dining room. Special dietary requirements can be catered for.

Operated by: Rotary District 9680 RYPEN committee
Details: <http://rotarydistrict9685.org.au/Page/rypen>

Global awareness

MUNA - Model United Nations Assembly

MUNA is an annual weekend event that teaches students about the United Nations organisation and its vital commitment to world peace, health, education and living standards.

MUNA helps students to develop public speaking and debating skills along with the study of the customs, culture and problems of the world nations.

Who is it for?

High school students in Years 10 to 12 (preferably 11). Each participating school sends a team of three students.



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What is it?

Participants in MUNA take the part of United Nations delegates.

Each team is assigned a country for the purposes of the program and the teams, representing their "countries", debate a number of preassigned "resolutions".



Participants are encouraged to research their country ahead of the program to improve their understanding of the country and the issues that relate to the resolutions. This research enables teams to form a stance on each resolution and gives them the option of proposing amendments to resolutions. Students prepare to argue their position on each resolution and their amendments, to convince the assembly to vote in their favour.

Participants are also strongly encouraged to adopt their country's national dress.

Operated by: Rotary District 9685 MUNA Committee.

Details: www.muna.com.au

Citizenship

RAIC - Rotary Adventure in Citizenship

RAIC is an intensive and fun filled week-long program held in Canberra to help prepare young adults for full participation as citizens of Australia.

Who is it for?

Year 11 students. Delegates are selected from different regions and backgrounds in Australia, particularly students with an interest in the Australian Federal Parliament. Many will have shown leadership in their schools or communities and displayed the desirable qualities of Australian citizenship.

What is it?

For one week RAIC puts the delegates "inside" Canberra. Delegates are taken out of their comfort zones into new places, set amongst new faces and asked to do new things. They view Parliament in action, including the Budget speech and Question Time, meet their member of parliament and Press Gallery journalists. Through role-play, delegates participate in law-making debates and explore the functions of Parliament.

One of the highlights for students is having morning tea with the President of the Senate



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and the Speaker of the House of Representatives.

Most importantly, participants meet and make friends with young people from all over Australia. Past delegates have reported that this is one of the highlights of the RAIC program.

In Canberra delegates are hosted by families with a Rotary connection, normally along with another delegate from another state.

Operated by : The Rotary Clubs of Canberra and Woden in partnership with the Parliamentary Education Office.

Details : www.raic.org.au

Science

ConocoPhillips Science Experience



The ConocoPhillips Science Experience is a fun three days of science and technology activities that fosters an interest in science, technology, engineering and maths (STEM), encourages further science studies, presents career opportunities in science, and introduces university life.

Who is it for?

Year 9 and 10 students

What is it?

The program takes place in participating universities and tertiary institutions. Participants perform experiments, meet and hear senior lecturers, attend site visits and experience campus life

The program also provides information about further STEM studies, highlighting the wide range of careers in the sciences.

One much-valued aspect of the program is the opportunity to meet and share ideas with students from different schools. Each program includes a BBQ or other social activity.



Operated by: The Science Schools Foundation.

Details : www.scienceexperience.com.au/when-where/new-south-wales

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NYSF - National Youth Science Forum

NYSF is a 12 day residential program for students who are passionate about science, technology, engineering and maths (STEM) (excluding medicine.) The NYSF program aims to show participants the wide variety of study and career options in STEM fields. Its goal is to nurture and encourage young Australians to be the next generation of leading scientists and engineers, supporting a sustainable future for our nation.



Who is it for?

Students entering Year 12 next year.



What is it?

The National Youth Science Forum brings 400 young people to Canberra for an immersive science experience. Students stay on campus at the Australian National University's (ANU) Burgmann College in Canberra.

The program consists of a mix of scientific, formal, personal development, and social activities. These range from laboratory visits to sports evenings and from a swing dance to working on understanding group dynamics.

The program is based upon three central strands:

STEM in action: Students will be exposed to cutting-edge research and development, talking with researchers and practitioners, and learning what it means to be a scientist or an engineer. Through visits to laboratories, students learn about how STEM is used in practice and the range of careers that follow STEM study.

STEM in society: STEM is placed in the broader social, economic and theoretical contexts, including the link between STEM and the larger issues facing communities. Students learn how STEM is solving problems facing society, as well as how STEM-related activity has contributed to some of these problems. There are discussions on science in everyday life, ethics, diversity, leadership, and life beyond academic research.

Next generation of STEM: By presenting options for study and careers in STEM, the program contributes to creating new STEM professionals and practitioners. NYSF illustrates a range of study and career options. Students will begin to develop the STEM-specific skills required for lab activities and workshops, as well as the broader communications skills essential to participate in a dynamic workforce.

One of the most important life-long benefits of NYSF to participants is the creation of a network of friends, colleagues and support groups throughout Australia.

Operated by: National Science Summer School
Details: www.nysf.edu.au

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HESS - Honeywell Engineering Summer School

HESS is a six-day residential program that aims to give high school students a better understanding of what engineering is and how it works in everyday life.

Who is it for?

Students who are about to enter their final year of high school: Year 11 and 12 students.

What is it?

During HESS, students will attend lectures and demonstrations at five of the following universities: University of New South Wales, University of Sydney, University of Technology, Sydney, University of Western Sydney, University of Wollongong and Macquarie University.

Students will interact with professional engineers from government and private companies, and with researchers and academics in a wide range of engineering disciplines. They will gain valuable insight into engineering career opportunities. Visits to industry will provide first hand experience of the role of Professional Engineers in a wide range of activities.

Participants will learn about the role of Professional Engineers in society and different disciplines within engineering, including:

- Aeronautical/Aerospace Engineering
- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Environmental Engineering
- Electrical Engineering
- Computer Engineering
- Mechanical Engineering
- Mining Engineering
- Mechatronic Engineering



Operated by: Engineers Australia (Sydney Division), participating universities and Rotary.
Details: www.engineersaustralia.org.au/sydney-division/honeywell-summer-school

CASE - Cochlear Autumn School of Engineering



CASE is a five-day program that aims to give high school students a better understanding of what engineering is and how it works in everyday life.

Who is it for?

Year 11 & 12 students from the Sydney area.

What is it?

Students will attend lectures and demonstrations at participating universities and visit related industries to experience the various engineering disciplines at work.

Participants will interact with professional engineers from government and private companies, and with researchers and academics in a wide range of engineering disciplines.

Operated by: Engineers Australia (Sydney Division), participating universities and Rotary.
Details: www.engineersaustralia.org.au/sydney-division/cochlear-autumn-school-engineering

Sounds Great! What Next?

If you think one of your students is a likely candidate for one of our programs, contact our Youth Service team and let's talk. We'll ask you more about your goals and your candidates and explain how we can support your school and your students to register and get the most from participating in these great Rotary programs for young people.

Depending on program demand, our club may need to interview and select applicants for a particular program. Early applications and/or expressions of interest are encouraged.

Rotary Club of Upper Northern Beaches

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