**SCIENCE AND ENGINEERING CHALLENGE (SEC)**

# The Science and Engineering Challenge is designed to inspire year 9-10 students to consider future STEM careers by involving them in a series of fun and engaging science and engineering-based activities that would not be available in a school classroom.

# These activities themselves involve a wide range STEM challenges including building model bridges, planning electrical supply grids, and even building functional catapults.

This community-based program commenced in Newcastle in 2001 and now in its 18th consecutive year with the continued strong partnership between The University of Newcastle’s Faculties of Science, Engineering and Built Environment, and Rotary International’s District 9670 Rotary Clubs as community partners from Newcastle, Lake Macquarie, Lower Hunter and Port Stephens areas.

The Challenge program also encompasses Discovery Days Challenges for year 6 primary school students.

**NEWCASTLE SCIENCE AND ENGINEERING CHALLENGE**

Year 9 and 10 High School Challenge

Friday 27 July, Monday 30 to Friday 3 August 2018

The University of Newcastle’s The Forum Sports and Aquatic Centre, Callaghan

**NSW** **SUPER CHALLENGE (STATE FINAL)**

Year 9 and 10 High School Students

Tuesday 28 to Thursday 30 August 2018

The University of Newcastle’s The Forum Sports and Aquatic Centre, Callaghan

**NATIONAL FINAL 2018 SCIENCE AND ENGINEERING CHALLENGE IN DARWIN NT**

Year 9 and 10 High School Students

Friday 26 October 2018

Dumpty Doo Northern Territory

**MAITLAND DISCOVERY DAY**

Year 6 Primary School Students

8 to 10 August 2018

All Saint’s College St Mary’s Campus Maitland

**LAKE MACQUARIE (WEST) DISCOVER DAY**

Year 6 Primary School Students

13 and 14 August 2018

Avondale School Cooranbong

**NEWCASTLE DISCOVERY DAY**

Year 6 Primary School Students

4 to 7 September 2018

St Therese’s Primary School New Lambton

**PORT STEPHENS DISCOVERY DAY**

Year 6 Primary School Students

27 September 2018

Tomaree High School Salamander Bay

**LAKE MACQUARIE (EAST) DISCOVERY DAY**

Year 6 Primary School Students

16 to 18 October 2018

St Mary’s Catholic College Gateshead

**CESSNOCK DISCOVERY DAY**

Year 6 Primary School Students

23 and 24 October 2018

Cessnock High School

**OUTBACK CHALLENGE (COBAR)**

Year 9 and 10 High School Students

8 May 2018

Venue: Cobar Indoor Sports Centre

**UPPER HUNTER CHALLENGE (MUSWELLBROOK)**

Year 9 and 10 High School Students

13 June 2018

Venue: Muswellbrook Indoor Sports Centre

**UPPER HUNTER DISCOVERY DAYS**

Year 6 Primary School Students

14 and 15 June 2018

Venue: Muswellbrook Indoor Sports Centre

**WESTERN PLAINS CHALLENGE (DUBBO)**

Year 9 and 10 High School Students

26 and 27 June 2018

Venue: Dubbo Turf Club

**WESTERN PLAINS DISCOVRY DAY**

Year 6 Primary School Students

28 and 29 June 2018

Venue: Dubbo Turf Club

**For more information on sponsorship and being involved as Activity Assistants or Supervisors please contact:**

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