Tuesday 29 January

8:45am  Registration – Science Building

9:00 – 9:30am  Welcome and Introduction  (Science Building LT 7)

9:30 – 12:30pm  CHEMISTRY  (Chemistry Lab, Trevor Lewis)
You'll synthesise and purify the common analgesic aspirin (the active ingredient in Aspro™, Soluble Aspirin™ etc) and then check your synthetic skill by testing the purity of your product. You'll then make two different polymers: the synthetic rubber Thiokol, important because it was one of the first rubber compounds ever made in a laboratory and useful because it is stable in most solvents; and the really neat (but not so commercially important) polymer known as Slime, important because it is fun to play with, but it's a great example of wonderful chemistry too! (Morning tea break included.)

12:40 – 1:25pm  Lunch  (Rotary BBQ)

1:30 – 2:30pm  PSYCHOLOGY  (Venue TBC, Matthew Palmer)
If you witnessed a crime, what would you remember about it? Would your evidence help the police to solve it? In this session, we will be exploring eyewitness memory, which is just one of the many topics that can be studied in Psychology.

2:45 – 3:45pm  COMPUTING  (Venue TBC, Daniel Rolf)
Hacking and why computer security matters. Break in to a computer and never trust your operating system again!

3:45 – 4:30pm  JENNY SEWELL AWARD  (Science Building LT 7)
To acknowledge the long term involvement and support of the Science Experience Launceston program by Rotarian Jenny Sewell, an annual award of $400 has been established for an outstanding participant in the program. Find out how to apply.

4:30pm  Finish at Science Building

Wednesday 30 January

8:45am  Meet at Science Building

9am - 12pm  HUMAN LIFE SCIENCES  (HLS foyer, Susan Salter)
Studying human life sciences provides you with a range of opportunities to make a difference to the health and wellbeing of individuals and communities both locally and around the world. In this session, you will examine some aspects of the sciences that relate to the health of the human body (such as cell biology, microbiology and exercise science) and take a look at a range of medical laboratory techniques. (Morning tea break included)

12:00 – 12:45pm  Pizza Lunch  (Science Building)
Be on the bus to depart at 12:45pm!

12:45pm  Bus departs for Inveresk
Wednesday 30 January (continued)

1:00 – 2:00pm  **ARCHITECTURE & DESIGN**  (Simon Ancher)
Visit the School of Architecture & Design at the Inveresk campus. The School is internationally recognised for its research on environmentally sustainable design and recently was named the best practice example of environmental education in architecture in Australia.

2:15 – 4:10pm  **QUEEN VICTORIA MUSEUM AND ART GALLERY**  (David Maynard)
Go behind the scenes with museum staff and discover more about natural science in Tasmania, including our native fauna, then take part in a special showing at the Planetarium. Bus transport provided.

4:30pm  Bus returns to the Science Building

Thursday 31 January

8:45am  Meet at the Science Building

9:00 – 11:00am  **ROBOTICS**  (Computing, Samantha Connelly)
Build and program your own Lego Robot. We will be using Lego Mindstorm kits to explore the world of Robotics. Learn how to make a robot move and respond to sensors.

11:00 – 11:30pm  **Snack break**  en route to Sir Raymond Ferrall Centre

11:30 – 12:30pm  **AMAZING RACE – UTAS**  (LT5, Sir Raymond Ferrall Centre)
Themed like the popular television show, the aim of this activity is for you to find out information about the courses, services and environment that the University of Tasmania has to offer, while at the same time developing your navigation, team building and research skills.

12:30 – 1:00pm  **GROUP CHALLENGE**  (Adele Wilson)

1:00 – 2:00pm  **Lunch**  (Saltz Cafe)

2:00 – 3:50pm  **AUSTRALIAN MARITIME COLLEGE**  (AMC reception, Swanson Building, Sarah Casey)
The Australian Maritime College (AMC) is a specialist institute of the University that offers courses in coastal and ocean seafaring, maritime engineering, maritime business and international logistics, aquaculture, fisheries and marine conservation. You’ll take part in hands-on activities in two of these areas and visit some of AMC’s world-famous facilities.

4:00 – 4:30pm  **CLOSING AND REVIEW**  (Science Building Lecture Theatre)

4:30pm  Finish at the Science Building