

FAX BOOKINGS OFFICE
(08) 9321 1455

TEL BOOKINGS OFFICE
(08) 9215 0740

BOOKING DETAILS Payment must be received within 5 days or your place will be reallocated

After you have booked in, you will have five days to confirm your booking by paying for your event.

Name..... Age Member/Non-Member

Name..... Age Member/Non-Member

Name..... Age Member/Non-Member

Address.....

..... Phone

Cheque: Cheques should be made payable to SCITECH

Credit Card: Bankcard VISA Mastercard

CREDIT CARD NUMBER

EXPIRY DATE

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CARDHOLDERS NAME

SIGNATURE

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NUMBER ATTENDING

I would like to book for (*please tick*):

	MEMBER	NON MEMBER	COST
• <i>Botany 101</i>	<input type="checkbox"/>	<input type="checkbox"/>	\$ <input style="width: 50px;" type="text"/>
• <i>Powerful Plants</i>	<input type="checkbox"/>	<input type="checkbox"/>	\$ <input style="width: 50px;" type="text"/>
• <i>Awesome Animations and Animatronics</i>	<input type="checkbox"/>	<input type="checkbox"/>	\$ <input style="width: 50px;" type="text"/>
• <i>Global Change</i>	<input type="checkbox"/>		FREE
• <i>Double Helix@Uni</i>	<input type="checkbox"/>		FREE
• <i>Engineering Career Event</i>	<input type="checkbox"/>	<input type="checkbox"/>	\$ <input style="width: 50px;" type="text"/>
• <i>AFTER SCHOOL CLUB Physics Superheroes</i>	<input type="checkbox"/>	<input type="checkbox"/>	\$ <input style="width: 50px;" type="text"/>
		TOTAL	\$ <input style="width: 50px;" type="text"/>

COLLECTION STATEMENT: The purpose of collecting your personal information is to enable you to register for a Double Helix program. Your details are confidential. For our detailed Privacy Statement please see our website: www.scitech.org.au

IMPORTANT INFORMATION:

PLEASE MEET IN FRONT OF THE BOOKINGS OFFICE - NOT the main entrance.

Credit notes will not be given if less than 48hrs notice is given for cancellations.

For further enquiries, contact: Bookings Coordinator, C/O Scitech

PO Box 1155, West Perth 6872. Phone: (08) 9215 0740 Fax: (08) 9321 1455

PLEASE NOTE: EVENTS MAY BE CANCELLED DUE TO UNFORESEEN CIRCUMSTANCES

**To book into a session,
please phone the Bookings
Office between 9am - 5pm
weekdays on (08) 9215 0740**



What's on in WA
SENIOR SCIENCE



AUGUST - SEPTEMBER 2007

THE HELIX

Hi Helix members,

In **National Science Week** you and your family are invited to the CSIRO Lab for an investigation into the impact of our lifestyle on our world and the environment.

After that, join us for the **Term 4 after school club** where we will be in training to become physicists of the future.

See you there.

Belinda .

National Science Week is from the **18th-26th August** 2007, is held in August every year and is Australia's largest national festival.

BELINDA SORRELL
DOUBLE HELIX OFFICER

Organisations big and small are running events all week. You can even run your own science activity for your friends, school or local community. Just log-on to www.scienceweek.info.au for all the details.

Also, check out the excellent range of real life science activities that we have in store for the **October holidays**..... cutting edge robotics, plant genetics, renewable energy in the form of hydrogen cars for Double Helix @ Uni members and more for everyone. There is something for every scientist's taste.

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Flower dissecting
and plant taxonomy
 - Powerful Plants - Genetics**
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National Science Week
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 - Double Helix@Uni**
Race solar hydrogen
powered fuel cell cars
 - Engineering Career Event**
 - AFTER SCHOOL CLUB
Physics Superheroes**

Botany 101 - Flower dissecting and plant taxonomy

One of the first skills required by a botanist is the ability to identify plant species and an understanding of how plants reproduce. In this CSIRO Lab session you will learn the art of plant dissection, by focussing on the flower, the plant structure specialized for reproduction in advanced plants. Learn to identify sepals, stamen, anther, pistil, stigma and what purpose they serve in plant reproduction. Then find out how plants are identified using taxonomy.

You will take home your dissected work presented as a taxonomic plant sample.

SENIOR

Date: Thursday 11th October
Time: 10.00am – 11.00am
Age: 10-14yrs

JUNIOR

Date: Friday 12th October
Time: 10.00am – 11.00am
Age: 7-9yrs

Location: CSIRO Lab at Scitech
Cost: Members \$10.00
 Non members \$15.00



Powerful Plants

Yvonne from the ARC Centre of Excellence in Plant Energy Biology will come and join us in the CSIRO lab. We are going to unlock the genetic secrets of plants. We will be using cutting edge biotechnology applications such as electrophoresis to investigate the relationship between molecular biology, genetics and plant breeding. You will also set up your own plant experiment to take home with you.

SENIOR

Date: Saturday 6th October
Time: 10.00am – 11.30am
Age: 10-14yrs

JUNIOR

Date: Saturday 6th October
Time: 12.00pm – 1.30pm
Age: 7-9yrs

Location: CSIRO Lab at Scitech
Cost: Members \$10.00
 Non members \$15.00

Double Helix@Uni Race solar hydrogen powered fuel cell cars

Harness the power of the sun to turn water into hydrogen and use it to power a fuel cell racing car. Uncover the secrets behind hydrogen, fuel cells and photovoltaic solar panels and how they could power your future.

This workshop puts the technology developed for powering space stations into your hands.

Date: Friday 5th October
Time: 10.00am – 2.00pm
Age: 13 – 18yrs
Location: Murdoch University
Cost: FREE Member event only bookings are essential

Engineering Career Event

Come join us for an evening where you will have the opportunity to meet engineers and find out what they love about their career and why and how they became a engineer. Three important things to remember when constructing a bridge are strength, stability and weight; we will watch a demonstration of a spaghetti bridge being built.

Challenge yourself, construct your own spaghetti bridge and bring it in to test on the evening. We look forward to seeing you there. **Check out www.wa.engineersaustralia.org.au**

Date: Wednesday 10th October
Time: 5.30pm - 7.30pm
Age: 13-18yrs (parents most welcome)
Location: Scitech
Cost: \$5.00
 Adults FREE



AFTER SCHOOL CLUB

Physics Superheroes

Enrol in the School for Physics Superheroes and find out how to explore the properties of energy, space, and time. This 3 week program includes the following:

Time: 4 pm – 5 pm
Age: 10-14yrs
Location: CSIRO Lab at Scitech
Cost: Members \$24 for all three sessions
 Non-members \$36 for all three sessions

Week 1: 23 October
 Einstein's Secret - How to work like a scientist
Week 2: 6 November
 Newton's Laws of Motion - Design your own experiment
Week 3: 20 November
 Freewheeling Physics

Awesome Animations and Animatronics

At the cutting edge of computer science and information technology (IT) are researchers and students from the School of Computer Science and Software Engineering at the University of Western Australia. Come and meet them at CSIRO Lab to check out their awesome animations and find out about their research into robotics, game development, artificial intelligence, avian-flu, bushfire spread, 3-D modeling and even flights through the galaxy! You will also have the opportunity to take a closer look at their soccer playing, dancing Robotic Dog. (www.csse.uwa.edu.au)

SENIOR

Date: Tuesday 2nd October
Time: 10.00am – 10.45am
Age: 10-14yrs

JUNIOR

Date: Tuesday 2nd October
Time: 11.00am – 11.30am
Age: 7-9yrs

Location: CSIRO Lab at Scitech
Cost: Members gold coin donation
 Non members \$5.00



Global Change National Science Week Family event

What impact is our lifestyle having on our world and the environment? Can we make a difference? You will conduct laboratory investigations to find out the effects on the environment of cars, washing powders, and much more. Find out about solutions to reduce our footprint on the world and discover some of your own.

Date: Saturday 25th August
Time: 12.00pm – 1.00pm
Age: Family event 7yrs+
Location: CSIRO Lab at Scitech
Cost: FREE (bookings essential)
 Member only event