


HOLIDAY EVENTS



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 specialised 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: 7-9 yrs

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

Engineering Career Event

Join us for an evening where you will have the opportunity to meet engineers, find out why and how they became one and what they love about their career

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.

Check out www.wa.engineersaustralia.org.au

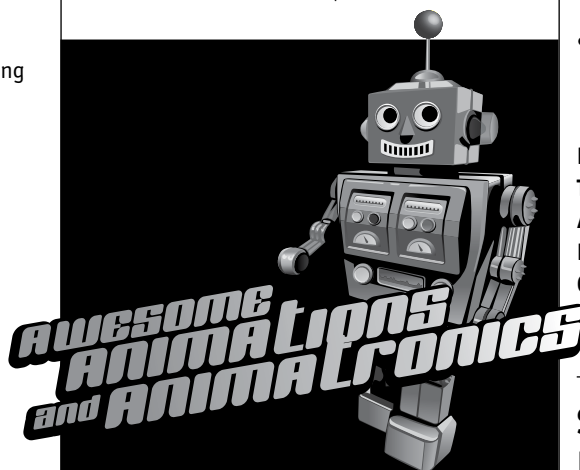
We look forward to seeing you there.

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

Amazing Artemia

Do you know why the salt lake at Rottnest Island is pink? It's the eggs from the sea monkeys that live there. Examine sea monkeys under the microscope, discover if they are attracted to the light or dark. Use this knowledge to create your own sea monkey habitat to take home.

Date: Tuesday 9th October
Time: 10.00am – 11.00am
Age: 4-6yrs
Location: CSIRO Lab at Scitech
Cost: Members \$10.00
Non members \$15.00



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

SCITREKKER 2007 Christmas Party

Come and celebrate Christmas with your fellow Scitrekkers;

- CSIRO Lab will be transformed into Santa's workshop. You will be able to create a gift to give to a friend or family member using science tools and materials.
- Join us for the Christmas Scitrekker Family Quiz.
- The Discovery shop will be open between 6.00pm and 9.00pm for your convenience and will be offering a very special 30% off.

Date: Wednesday 12th December
Time: 5.00pm – 7.00pm
Age: Family event
Location: Scitech
Cost: Members only, FREE
Bookings essential

Scitrekker Family Event - RSPCA World Animal Day

World Animal Day is a world-wide celebration of people and animals living together. It commemorates our love and respect for animals.

The RSPCA would like to invite you to celebrate this special day at their Malaga Shelter, with children's activities and educational talks throughout the day.

Check out the colouring competition on the RSPCA website www.rspcawa.asn.au

Date: Thursday 4th October
Time: 10.30am – 12.00pm
Age: Family Event. Children must be accompanied by an adult as we will be meeting as a Scitrekker group at this open to the public event.
Location: RSPCA 108 Malaga Drive
MALAGA WA 6090
Cost: Children \$4.50
(including GST)
Adults free

HOLIDAY EVENTS

Game-Making: an Introduction

'Game Maker' is the easy way to design and create your own computer games. If you like playing Tetris, Pacman and other simple platform puzzle or target games, then you will love being able to create your own challenges, using the Game Maker program. It's simple and heaps of fun but a good knowledge of Windows is desirable.

Date: Tuesday 9th October
Time: 10.00am – 12.00pm
Age: 11 yrs and over

Date: Wednesday 10th October
Time: 1.00pm – 3.00pm
Age: 11 yrs and over

Location: Digital Studio at Scitech
Cost: Members \$8.50
Non members \$12.00

Sounds and Pictures

Explore the exciting world of sound effects. Try matching a sound with pictures on the computer, then record your voice and hear how the computer can change it. Paint sound waves to create your own music. Parental participation is encouraged.

Date: Monday 8th October
Time: 10.00am – 11.00am
Age: 4–6 yrs
Location: Digital Studio at Scitech
Cost: Members \$7.00
Non members \$10.50



Design-a-Hit

Take control, as your computer becomes a recording studio. Create your own musical masterpiece using sounds and instruments from styles around the world. You get to take your recording home, and no music or computing skills are required.

Date: Monday 8th October
Time: 12.00pm – 1.30pm
Age: 7–12 yrs
Location: Digital Studio at Scitech
Cost: Members \$8.00
Non members \$12.00

Music Tracks

Using Sonar Cakewalk Home Studio v4, you'll be able to produce [play, edit, arrange and mix] your very own studio production. Whether it's an original symphony, a multimedia sound-scape, or a cover version of a rock classic, you'll be in control from beginning to end. This workshop is excellent for the musically extended student. Some keyboard playing experience is definitely an advantage. A CD recording of your production is included.

Date: Tuesday 9th October
Time: 1.00pm – 4.00pm
Age: 11 yrs and over
Location: Digital Studio at Scitech
Cost: Members \$15.00
Non members \$20.00

Film Soundtrack Creator

Find out how sound effects and music are synchronised to film and video. Choose one of our library stock film clips, select from a huge range of sound effects and music, and bring the movie to life. You'll be amazed at the result. To conclude the session, we view each other's projects on the big data screen and a CD of your project is burned for you to take home.

Date: Wednesday 10th October
Time: 10.00am – 12.00pm
Age: 11 yrs and over
Location: Digital Studio at Scitech
Cost: Members \$11.00
Non members \$16.00

Animation Studio

In this 5 hour session, you'll be amazed at how easily you can create a short, animated movie. Whether it's a simple flip book cartoon or an action skating scene, the combination of camera, objects and Stop Motion Pro software will have you producing animations within 15 minutes. A CD of your production is included.

Dates: Thursday 11th October
Friday 12th October
Time: 10.00am – 3.00pm
(1/2 hour break for lunch)
Age: 11 yrs and over
Location: Digital Studio at Scitech
Cost: Members \$20.00
Non members \$30.00