Sounds of Science **NEW!!**

Yr 1-3 | 60-90

Students explore the world of sound though hands-on experiments which focus on understanding how sound is produced and how it can be altered.

Crime Busters

Yr 4-5 | 90

Students become crime scene officers to help investigate and solve a crime. They interpret and analyse evidence while discovering the intriguing science of forensics.

Forensic Folly

Yr 5-7 | 90

Students take on the role of forensic scientists to help solve a crime. They interpret and analyse forensic crime scene evidence, which is then used to develop possible crime scenarios.

Other programs for teachers and students:

Scientists in Schools

Scientists in Schools matches scientists and engineers with primary and secondary school teachers in ongoing partnerships. These are supported by resources, emails, phone calls and face-to-face events.

Register for free online. **www.scientistsinschools.edu.au**

Mathematicians in Schools

Mathematicians in Schools matches mathematicians with primary and secondary school teachers in ongoing partnerships. These are supported by resources, emails, phone calls and face-to-face events. Register for free online. **www.mathematiciansinschools.edu.au**

Double Helix Science Club

Get your hands on our two kids' science magazines with free online teacher's guides. There are big savings available on bulk subscriptions and free membership available through the School Science Prize. The club also provides diverse scientific inspiration for students, including regular events and engaging holiday programs run by this centre.
www.csiro.au/helixschools & www.csiro.au/helixevents

What do teachers think?

95% of teachers find programs relate well to the curriculum and are likely to have a lasting positive impact on students.

"Great links to real life and science careers switches kids on. Excellent hands-on activities."

"The hands-on aspect of your programs is the best way for students to engage and hence learn about science."

"FANTASTIC!! Totally engaged the children. Terrific experience—motivating and linked to our topic. Thank you!!"

CSIRO Education's nine regional centres see over 380,000 students and teachers annually and over five million have completed our programs.

Want more teaching resources?

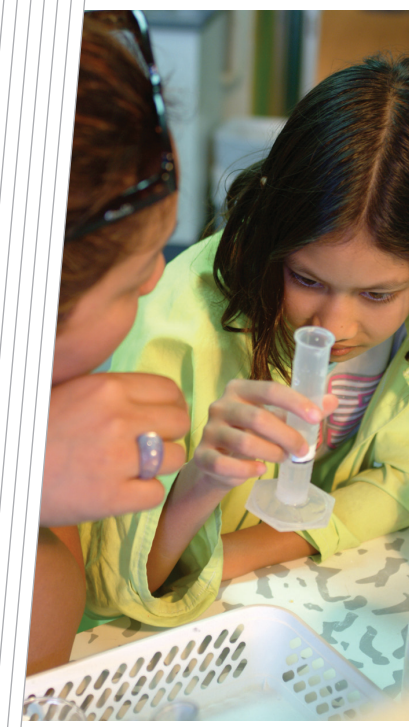
FREE ACTIVITIES:
www.csiro.au/sciencemail & www.csiro.au/diy

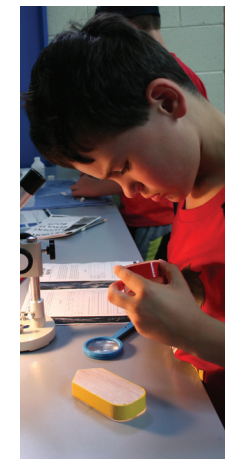
AWARDS PROGRAMS:
www.scienceawards.org.au & www.csiro.au/crest & www.csiro.au/resources/CarbonKids

CSIRO SHOP (teacher's resources): www.csiroshop.com

CSIRO Education operates in every state and territory.

CSIRO





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Townsville, QLD 4811
(Building 054, opposite Engineering)

www.csiro.au

CSIRO Education North Queensland

Primary school programs 2012

Travelling, curriculum-linked, hands-on programs for your students. Inspiring and educating young Australians.

A partnership with:

JCU James Cook University | Queensland Government

Slime Time

Yr P-3 90

Increase your students' understanding of the concepts of states of matter (solids, liquids and gases) with this fun-filled educational slime-making workshop.

Cool Chemistry NEW!! Available Term 2

Yr 6-7 90

Students work on a series of hands-on experiments demonstrating reversible and irreversible chemical changes and use a variety of techniques to separate chemicals.

Mini Beasts

Yr 1-4 90

Students discover the fascinating world of insects through guided hands-on activities which explore insects' similarity and differences to humans. Live insects are included.

Astronomy Adventure

Yr 1-7 60

Evening telescope session with some hands-on activities.

Starlab NEW!!

Yr P-7 30 (P-2) 60 (3-7)

Using a portable mobile planetarium, students are taken on a journey to discover the sun, moon, stars and planets. Observations are linked to the Earth's rotation, day, night and the seasons.

Eco Enigma

Yr 6-7 90

Students become a team of scientists asked to provide an environmental impact report to a community with environmental problems. They measure heavy metal in shellfish, analyse river silt, explore why fish stocks are declining and recommend an action plan.

CSIRO Discovery Lab

Yr 1-7 90

Balloon Science Yr 1-3
Students use balloons as a context to learn about physical and chemical sciences.

Natural and Processed Materials Yr 4-6
Students examine the properties of natural and processed materials and their uses.

Energy and Change Yr 6-7
Students identify different forms of energy and investigate devices that transfer or transform energy.

Costs & general info

Yr SCHOOL YEAR SUITABILITY

MINUTES PER SESSION

PROGRAM CAN TRAVEL TO YOUR SCHOOL

Sessions are offered in-centre and Lab-on-Legs (travel to your school) with 30 students maximum per session. Unless noted, programs are available all year subject to bookings.

Prices GST free and valid 2012. Booking cancellation fees may apply for late cancellations.

In-Centre
$5.50 per student (minimum session fee $150)

Lab on Legs (in your school)
Zone 1 (<30 km radius from NQSEC) $170 per session.

Zone 2 (30-150 km from Townsville) $220 per session.

Minimum 2 sessions of same program.

Zone 3 (>150 km from Townsville requiring overnight stay) $260 per session.

Minimum tour days apply depending on distance. Minimum daily session fee $540 per presenter. Concurrent sessions can be run including sessions for secondary students.

NEW Cairns Lab on Legs sessions run by Cairns presenter!
Programs currently available: Slime Time, Cool Chemistry, Mini Beasts, Sounds of Science, Astronomy Adventure, Beginner Robotics - Bee-bots, Forensic Folly, Trainee Electrician, Simple Machines.
Bookings $170 per session. Limited days available.

Curriculum links: All our programs support the Australian Curriculum. For further details, please request our teacher information for individual programs.

TURN OVER FOR BOOKING AND CONTACT DETAILS

Rockhounds

Yr 4-7 90

Queensland is central to Australia's mining boom. This hands-on program looks at mining and exploration, how the Earth is formed, weathering and erosion and how rocks and minerals are classified.

Trainee Electrician

Yr 4-7 90

Turn your students into bright sparks with this hands-on introduction to electronics using safe experimental kits specifically designed for educational use.

Toy Science NEW!!

Yr K-1 60

Experimenting with familiar toys can broaden student's knowledge of science. In this play-based program, students explore and make observations using their senses.

Force & Movement

Yr 1-4 90

This hands-on session gets students actively involved in discovering the principles of forces and movement and captivates students by relating this to the operation of toys.

Simple Machines

Yr 5-7 90

Students are introduced to the concepts of structures and the workings of levers, gears and pulleys. The program includes hands-on explorative investigations and problem-solving activities.

Beginner Robotics - Bee-bots

Yr P-4 60-90

Students are introduced to the idea of a "program"—a series of instructions followed by a robot—and then create their own programs to solve a series of challenges.

Robotics - NXT Generation

Yr 5-7 90

A robotics program designed to test the logical thinking and problem-solving skills of students. Using NXT robots, students learn to program their own robots to perform a series of challenges. Various sensors are used.