

The Facts:

Who is this program for?

Year 9 students who are good at science and want to learn more.

How can I enrol in this program?

Students must be nominated by their school. Nomination forms are available from your science teacher.

How much does it cost?

Each program costs \$40:00, payable to your school.

Payment is made when you hand in your nomination form to your science teacher.

Final date for application for RWSE210 is **Monday 9th August.**

Enrol onto both enrichment programs, RWSE110 & RWSE210 costs \$70:00 saving \$10!!

When does RWSE210 happen?

One afternoon per week for 4 weeks
3:30- 5:30pm on Tuesdays, 24th, 31st August, 7th, 14th September

Where does this happen:

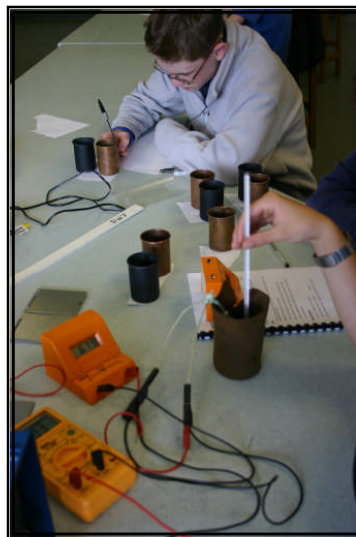
Maranatha Christian College, Gngara Drive, Waikiki - your teacher will tell you where this is.

Who can tell me more about this program:

KIEP

Tel: 9553 7037

E Mail: kiep@murdoch.edu.au



What did the students say?

"The experience I gained by doing this enrichment has made me certain that I want to do more Science in my later school years."

"I now know how to go about writing up a science investigation."

"I really enjoyed doing this. I got to meet lots of people and had lots of fun doing the experiments."

"The reason I kept coming was because of the friendships I made."

"I enjoyed doing the experiments in a relaxed and fun environment."

"Chemistry rocks!"



Kwinana Industries Education Partnership



Science Enrichment Programme RWSE210 Physics and Water



So you want
to be a real
world
scientist?

What's this program about?

Two different enrichment programs will be offered. During 2010 programs will focus on chemistry and physics aspects of water. You can choose to do two programs or just one.

We all know that water is essential to life, boils, freezes and has the formula AYCH TWO OH!! but what else can we find out about water?

This second program focuses on some important aspects of Physics and Water.

Your involvement and participation will get you thinking about applied science & technology and water.

The aim of the RWSE210 program is to research and investigate water from a physics and engineering point of view.

Investigating scientifically the topic of water will bring you into contact with Real World Science. In this way you will be using important employability skills such as team work, decision making, problem solving and evaluation.

You will be working with pupils and teachers from other schools in the area, providing opportunity to discuss science, and get to know people of your own age who also have an interest in science.

An activity supported and sponsored by:





What will you do during this program?

Using a variety of experimental methods we will investigate the impact of science on technological design. As a researcher you will follow a science investigation pathway in the same way scientists and technicians carry out investigations and research in the real world!!

You will be supported by a number of science teachers and will have the chance to work with other year 9s from a number of schools in the area. During the sessions you will be expected to complete and maintain a weekly Record of Experience. You will hand this record in at the end of the program.

All students will receive a certificate of participation and vie for prizes during the program. Student's achievement will be recognised at a special awards night later in the year.



Physics focus on Researching and Investigating water

What happens each week?

Week 1: 24th August

- Welcome and introduction.
- Getting to know each other activities.
- Introduction to Investigations.
- Introductory experiments.
- Journal a Record of Experience.

Week 2: 31st August

- Feedback from last session.
- Continuing introductory experiments, questions and discussions.
- Further experiments to find out about water.
- Producing quantitative graphs of data.
- Journal a Record of Experience.

Week 3: 7th September

- Feedback from last session.
- Conducting of main experiment.
- Collecting data, your discussions and questions.
- Journal Record of Experience.

Week 4: 14th September

- Feedback from last session.
- Analysing data..
- Comparison of data.
- Session on how to write up report.
- Journal Record of Experience and hand in for validation.