

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. Enrol onto both enrichment programs, RWSE110 & RWSE210 costs \$70.00 saving \$10!!

Final date for application for RWSE109 is **RWSE110 Tuesday 4th May.**

When does RWSE110 happen?

One afternoon per week for 4 weeks
3:30- 5:30 on Tuesdays, 11th, 18th, 25th May & 1st June.

Where does this happen?

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

Who can tell me more?

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 enjoyed the science enrichment because it was interesting and I didn't just do experiments I didn't understand. I did experiments my team and I made. It gave me a much higher understanding of science in the real world."

"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."

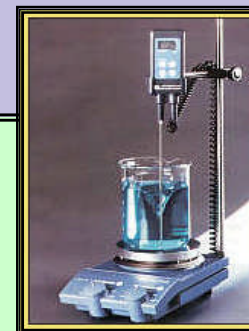
"I enjoyed doing the experiments in a relaxed and fun environment."



Kwinana Industries Education Partnership



Science Enrichment Programme RWSE110 Chemistry of Water



So you want
to be a real
world
scientist?

Chemistry focus on Researching and Investigating Water

What's this program about?

Two different enrichment programs are offered. During 2010 these 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?

Being involved in this first of two programs will allow you to use your own knowledge and bring you closer to identifying other important questions and some answers about water.

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 interest in science.

In this way you will have opportunity to use important employability skills such as team work, decision making, problem solving and evaluation.



What will you do during this program?

Using a variety of experimental methods we will investigate water collected from different places. 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!!

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 for validation.

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

An activity supported and sponsored by:

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What happens each week?

Week 1: 11th May

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

Week 2: 18th May

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

Week 3: 25th May

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

Week 4: 1st June

- 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.

