

Snowy Hydro Education

Snowy Hydro has an extensive education program that offers a unique learning experience for students from Primary School to Year 12. Snowy Hydro employs Education Officers to develop, design and implement a range of projects and initiatives for local schools and for visiting schools from around Australia.

A range of education classroom resources has been produced specifically for schools, each providing an appropriate case study for a range of syllabuses. Each resource is outlined in this section through their appropriate stages.

As well as these classroom resources, the Snowy Mountains Scheme Information and Education Centre situated in Cooma (just over an hour from Canberra) has a range of activities tailored to fit your programs. The Centre focuses on the Schemes power stations, dams, water resources and energy market but it also includes displays on key topics such as environment, engineering, history and irrigation. Exhibits ranging from pedal-power bikes, an interactive energy market and hands-on models reinforce a dynamic learning experience for students of all ages. Education Officers at the Centre deliver tailored presentations to students about the Scheme, as well as showing some of the many films in our lecture theatres.

For more information on university site visits and school visits to the Information and Education Centre, contact one of our Education Officers.

YEAR 11/12

'Utilisation of Snowy Region Waters' Stage 6 Geography Resource Kit

The 'Utilisation of Snowy Region Waters' is a Year 11 geography resource package. The focus of this study is a geographical investigation of biophysical processes operating in the alpine eco-systems of the Snowy Mountains and how an understanding of these processes contributes to the sustainable management of the waters in this region.

This kit consists of a class set of broadsheets of the Snowy Mountains area, a map and cross sections of the Scheme, four mind maps to help students conceptualise the material, teacher's notes and a bank of skills questions with the answer sheet.

It has been designed to tie in with Biophysical Interactions & Biophysical Processes and Issues.

To order the 'Utilisation of Snowy Region Waters' Geography Resource Kit contact one of Snowy Hydro's education officers.

'Snowy Science Series' - Stages 4 and 5 Science Resource Kit

The 'Snowy Science Series' has been designed for use by science teachers and Stage 4 students. These modules can be used to complement classroom activities that have been nominated in the Science Syllabus for study at this level.

Each module covers a topic with a focus on key aspects relevant to the Snowy Mountains Scheme, including the Snowy Mountains, the water cycle, energy transformations, magnetism and safety.

Each module is comprised of teachers notes, student activities and support documents where required. The units have been designed by teachers in the Science Department at Tumut High School and all the activities have been successfully used in the classroom. They have been formulated to encourage students to enjoy the learning process within key learning areas and at the same time, learn about the Snowy Mountains Scheme.

A visit to the new Information and Education Centre in Cooma and a guided tour of one of the Power Stations would provide an exciting and informative focus for an excursion to the Snowy Mountains Region.

To order the 'Snowy Science Series', contact one of Snowy Hydro's education officers.

'Lifblood of the Nation' - Stage 5 History Resource Kit

The Snowy Mountains Scheme holds a unique position in the nation's cultural landscape. It came into being shortly after World War II as Australia loosened its ties with Britain and came to regard itself as a growing nation, responsible for its own destiny.

The Scheme became a symbol of what can be achieved through hard work and determination; it is also a great social achievement.

Moreover, there is no doubt that it has made a significant contribution to the economic development of modern Australia.

As part of the topic, Post-war Australia to the 1970s, Stage 5 of the NSW History Syllabus requires students to examine the contribution migrants made to Australia's social, cultural and economic development.

The Snowy Mountains Scheme provides an appropriate case study for students to research the lives of the 60,000 New Australians, who came from over 30 different countries to help to build what is officially recognised as one of the civil engineering wonders of the modern world.

This classroom resource is designed to complement activities already programmed by history teachers. The posters, 'Life' and 'Work' during the early days of construction, represent a selection of the 80,000 black and white photographs. The video is a compilation of historic early footage shot by Snowy personnel, together with excerpts from a variety of sources whose contribution we gratefully acknowledge. An activity sheet, a photo library CDROM and research topic completes the package.

To order the 'Lifblood of the Nation' Education Kit contact one of Snowy Hydro's education officers.