National Literacy and Numeracy Week 2008
Project Report

Project title: Future Directions in Secondary Mathematics

Project description: Interactive Whiteboards (IWB) can change the way mathematics teachers present class work. Many students, parents, teachers and community members have yet to experience this exciting development. The maths staff at Richmond River High School demonstrated how technology can be used to enhance student outcomes. During 2008 the mathematics staff of Richmond River High School has started to introduce technology into their teaching pedagogy.

During NLNW demonstrations and contacts were made with partner schools, parents and other local secondary schools to develop an understanding of these developments. The project will reach beyond the week as many contacts have been established.

Person responsible for project: Mr Chris Mills

School, region, diocese: Richmond River High School, Far North Coast

Number of students, teachers, parents, other community members directly involved:
- I have been trying to influence the mathematics community in my district. This influence has covered: all students studying mathematics at Richmond River High School (600).
- Other local high schools visited by me Lismore High School, Kadina High School, Alstonville High School and Trinity Catholic College. This involved talking and demonstrating to mathematics staff at these schools approx 25 mathematics teachers.
- Contacting feeder primary schools interest from 10 staff and demonstrating to 50 students.
- Demonstrating to parents at their P&C meeting: approximately 10 parents.
- This project will be an ongoing activity with further work to be done in Term 4.

Intended numeracy outcomes:
Engage the school community in the use of technology in teaching mathematics. Demonstrating how the teaching of mathematics in the classroom will change.

Evidence of achievement of intended numeracy outcomes:
Interest has been generated and staff have started to utilise technology in their teaching method. Students can see that technology enhances the delivery of material.

Other information:
The grant and project has provided ongoing support to a program which will continue into Term 4 and beyond.
Feedback about making grants available for such projects:
This is a very effective way to generate programs and interest within schools. I have put in a considerable number of hours into discussions and demonstrations.

RICHMOND RIVER HIGH SCHOOL

An Australian Government Initiative

How is technology changing the teaching of Mathematics?
What changes are on the way for mathematics classrooms in 2008 and beyond?

Mr Chris Mills is the Head of Mathematics at Richmond River High School. During Term 1 2008 he was awarded a 5 week study tour of the UK. During his tour, he experienced innovative teaching methods using interactive whiteboards and computer technologies. The mathematics faculty is working on ways to change the way mathematics is presented in Richmond River High mathematics classrooms.

To showcase their ideas, Richmond River High School mathematics is opening its doors to visitors during Literacy and Numeracy Week 2008.

Take the opportunity to come along and visit. This is a great opportunity to share ideas between teachers and schools.

NOTE: We are hoping to demonstrate our new interactive whiteboard and software. Demonstrations will go ahead regardless of whether it is ready to use but using a data projector.

Bookings essential. See over for session times and a booking sheet.
BOOKING DETAILS

Where: Richmond River High School Library
Who: Contact Mr. C Mills Richmond River High School
     ph 66213456 fax 66222928.

Monday September 1st
4pm Official Opening Mr. C Mills Head of Mathematics
4pm-6pm: Teachers and parents sessions. Primary, secondary teachers and
          parents welcome to look and participate.
          Sessions with demonstrations starting on the half hour.
          Tea, Coffee and snacks available

Wednesday and Friday September 3rd and September 5th
Student Group Visits
9-10.30am Student Group Visit max size of group 30
11am-12.30pm Student Group Visit max size of group 30
1.30pm-3pm Student Group Visit max size of group 30

............... ..................Booking Sheet..........................

Monday
Yes, I will be visiting. Time arriving ______________
Name/s__________________________________________

Wednesday
Yes, I would like to book in a school group
School name ________________________________________
Number of students ______ Contact details__________
Preferred session ________________________________

Friday
Yes, I would like to book in a school group
School name ______________________________________
Number of students ________ Contact details__________
Preferred session ________________________________

Comment