**Project Title:** Geometric Tabloid

**Project Description:** a Maths Day that focused on geometry.

**Person Responsible for Project:** Judith Saxvik  
**School, Region, Diocese:** Beelbangera Public School, Riverina Region

**Contact Person's Email:** judy.saxvik@det.nsw.edu.au

**Number of students, teachers, parents, other community members directly involved:** 158 students, 9 teachers, 3 teachers aides, 3 parents.

**Intended literacy and/or numeracy outcomes:**
- **SGES1.1 & SGES1.2** Manipulates, sorts and represents three-dimensional and two-dimensional objects and describes them using everyday language.
- **SGS2.1** Makes, compares, describes and names three-dimensional objects including pyramids, and represents them in drawings.
- **SGS3.1** Identifies three-dimensional objects, including particular prisms and pyramids, on the basis of their properties, and visualises, sketches and constructs them given drawings of different views.
- **SGS2.2a** Manipulates compares sketches and names two-dimensional shapes and describes their features.
- **WMS1.1, 2.1 & 3.1** Asks questions that could be explored using mathematics in relation to Stage 1, 2 & 3.
- **WMS1.2** Uses objects, diagrams, imagery and technology to explore mathematical problems.
- **WMS2.2** Selects and uses appropriate mental or written strategies, or technology, to solve problems.
- **WMS2.3** Uses appropriate terminology to describe, and use symbols to represent, mathematical ideas.
- **WMS1.4** Supports conclusions by explaining or demonstrating how answers were obtained.
- **WMS3.4** Gives a valid reason for supporting one possible solution over another.
- **WMS1.5, 2.5 & 3.5** Links mathematical ideas and makes connections with and generalisations about, existing knowledge and understanding in relation to Stage 1, 2 and 3 content.

**Feedback about making grants available for such projects:**
This grant enabled my staff and students to experience 2 and 3 dimensional shape in a fun and entertaining way. Because of this grant, the school will look at implementing a number of Maths Days in the 2009 School Plan. Thank you

See more below:
Our school applied for and received a National Literacy and Numeracy Week Grant from the Australian Government. With our funding, we ran a Geometric Tabloid day. Students rotated through a number of activities related to geometry on the day.

Students in Kindergarten to Year 2 participated in activities that related to:
- 3D shapes
- pattern blocks
- geoboards
- making shapes with their bodies
- scavenger hunt for shapes
- tessellating patterns.

Students in Years 3 to 6 participated in activities that related to:
- exploration and linkage between numeration and geometric patterns utilising match stick puzzle activities.
- tangrams
- making a geodesic dome
- utilising compasses to make geometric shapes.

Student outcomes set for this project were achieved. Through the varied activities students were able to identify, manipulate, compare, sort and describe their features using everyday language of three dimensional objects.

They utilised technology to explore mathematical problems and selected appropriate mental and written strategies to solve them. Students linked mathematical ideas, made connections and generalisations about given tasks using their existing knowledge and understanding of concepts treated.

Students used appropriate terminology to describe and used symbols to represent mathematical ideas. They supported conclusion by explaining and demonstrating how answers were obtained.

The day was a huge success for both students and teachers as a lot of thinking and learning happened throughout the day.
Year 6 working with a geodesic dome

Kindergarten working with geoboards