**National Literacy and Numeracy Week 2008**

**Project Report**

**Project title:** Liverpool Public School Whole School Numeracy Day

**Project description:** We invited parents to our school for an insight into how and why we teach numeracy and how they can further assist their child at home.

We focused on the working mathematically strand. Staff discussed questioning techniques and everyday activities they can develop understanding. From 9:15 am – 11:00 am parents were invited to a hands-on information session on numeracy. In this session they were shown the K-6 Syllabus and parent support document. This session outlined reasons for the way we teach numeracy and the importance of all strands and how we integrate working mathematically in all strands.

Four stations of activities were set up for parents to work at: useful internet sites; parents’ resource booklet and explanation; games to play at home; and dice and card games. During morning tea parents mingled with staff. From 11:20 – 3pm parents were invited to participate in numeracy activities in their child’s classroom.

**Person responsible for project:** Christie Toms and Natalie Pritchard with the assistance of the School Maths Committee

**School, region, diocese:**
Liverpool Public School, South Western Sydney Region

**Contact person’s email:**
christie.toms@education.nsw.gov.au

**Number of students, teachers, parents, other community members directly involved:**
- 600 students, all staff and support staff (50+) approx 100 parents and community members.

**Intended literacy and/or numeracy outcomes:**
- identify and utilise hands on activities
- make students, parents and teachers aware of a range of hands on activities connected to ‘working mathematically’ outcomes
- students to be engaged in designing games that support the ‘working mathematically’ strand
- build a bank of resources that can be used in the classroom and at home
- utilise technology in numeracy lessons
- introduce Numeracy Day annually within our school.

**Evidence of achievement of intended literacy and/or numeracy outcomes:**
- Parent feedback
- Staff feedback
- Large number of parents who stayed the entire day and actively participated in activities.

**Other information:**
- Parent booklet attached

**Feedback about making grants available for such projects:**
This grant allowed our school to invite our community in to participate in a successful learning session. It also allowed us to purchase useful resources for our students. We are appreciative of the grant and will be applying again should the opportunity arise.
Mathematics
Parent Booklet

Made by the teachers of Liverpool Public School

We hope these resources assist you to help your child develop further in mathematics.
Useful Mathematics websites:

www.coolmath4kids.com
http://www.gamequarium.com/math.htm
www.counton.org
www.primarygames.com/arcade/arcade.htm
www.playkidsgames.com
www.coolmath.com
www.bbc.co.uk/schools/numbertime/games/index.shtml
www.abc.net.au/countusin/
www.mathplayground.com/games.htm
www.adrianbruce.com/maths/index.htm
www.prongo.com/math/
www.mathsisfun.com/
www.rainforestmaths.com

Hundreds Chart
Discuss with your child the patterns you can see including 10’s, 2’s, 5’s diagonals etc. Have an attempt at guessing what numbers go in the hundreds chart below.

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**Number Lines**
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Make your own dice for games with this net of a cube.
Practise telling the time with your child at home.
Practise drawing 3D shapes. Try to look for these in the environment.
Some ways of talking about mathematics at home:

Discuss the TV program – what time is Neighbours on? How long does it go for? What is on one hour before Neighbours, etc.

Give your child your shopping dockets. Discuss how much things cost? How many more could you buy? If they were half price – how much would they cost?

Look through supermarket brochures from the letterbox. Ask your child to ‘buy’ products in the brochure.

Play Chess, Snakes and Ladders, Trouble, etc.