# Cadell Primary School ~ Approach to Numeracy

**Purpose:** To develop students as engaged independent learners through proficient numeracy skills and a love for learning.

## Structure

**Purpose:** Meet the learning needs of individual students

**Processes:**
- 3 targeted group
- 5X1 hour lessons per week
- Mental math, problem solving, topic, games, times tables
  Numeracy is cover in all curriculum area when the opportunity arises
  Every student has a numeracy goal on their ILP

## Proficiencies

**Purpose:** Ensure students are numerate in the four proficiencies, according to Australian Curriculum

**Processes:**
- Problem Solving
  - Groups discussion, investigations
  - Explicit teaching of problem solving strategies
- Fluency
  - Recalling facts, timetables and processes
  - Practise facts, timetables and processes
- Understanding
  - Rigorous, challenging activities
  - Investigations and explorations
- Reasoning
  - Show and describe HOW they got an answer

## Resources and Interventions

**Purpose:** Support staff and students to ensure highly effective teaching and learning

**Processes:**
- Australian Curriculum
- Maths Plus books
- Back to Front Maths
- ICT’s – iPad, appropriate Apps and Excel, etc
- Games, Hands on Activities
- Curriculum Organiser
- Year 7 Text – Essential Mathematics
- Maths for Learning Inclusion
- Big Ideas In Number
- MTS online
- SSO support for individuals and groups

## May 2013

## Roles and Responsibilities

| **Principal:** Ensure human and financial resources are used for maximum benefit, and facilitate access to good quality professional learning for all. Celebrate successes. |
| **Staff:** Use effective differentiated teaching and learning practices, monitor student progress and providing meaningful and accurate feedback to all stakeholders. Celebrate successes. |
| **Parents/Caregivers:** Support school, staff and students to help improve numeracy outcomes for students. Provide information & feedback to ensure student needs are being met. Celebrate successes. |
| **Students:** Have ownership of their own learning by setting and monitoring their ILP goals through attending, giving feedback to others and trying their best. Celebrate successes. |