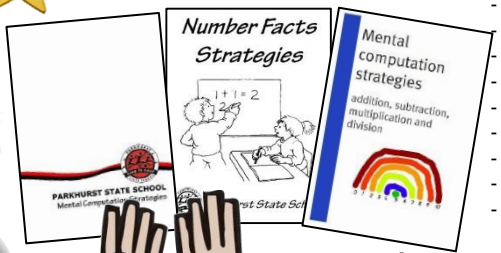


# PARKHURST STATE SCHOOL 2015 Numeracy Improvement Plan



- To ensure every Parkhurst learner is numeracy at an **appropriate** standard
- To **raise the bar** in the teaching of numeracy across the school
- To **raise the bar** in the school's numeracy achievement of all learners
- To **close the gap** between the Nation's and school's Numeracy Achievement Means
- To maintain numeracy pedagogy as a **priority**
- To deliver 'zero' gap between our actions, vision and shared beliefs
- To go **narrow and deep** in the teaching and assessment of numeracy
- Numeracy **data** and **differentiation** drives program **design** and **delivery**
- To maintain a school wide focus on **mental computation strategies**



### Data and Assessment

- Numeracy performance tracked regularly to inform differentiation strategies and curriculum adjustments
- PAT-M completed twice a year as a diagnostic assessment tool to track improvement
- Regional **Benchmark Tests** implemented each Term to moderate cohort progression

### Curriculum Intent

- Purpose

### Success Criteria

- Specificity
- Focus Element/s
- Assessment

### Warm Up (Get Ready)

### I Do (Model)

### We Do (Guided/Joint)

### You Do (Independent)

### Plough Back (Bring Together)

**PARKHURST STATE SCHOOL**  
Numeracy Lesson Structure

Element	Time	Purpose
Hook	3-5 mins	Engage, activate prior knowledge, set context
Explicit Learning Objectives	5-10 mins	State what students are to learn, why it is important, and how it will be assessed
Modelled Examples	10-15 mins	Provide a worked example, demonstrate the process, and explain the reasoning
Guided Practice	15-20 mins	Students work on a task with teacher support and feedback
Independent Practice	20-25 mins	Students work on a task independently, with teacher monitoring and support
Review and Reflection	5-10 mins	Summarize learning, reflect on progress, and plan for next steps

### Number and Algebra

$y = mx + b$

16  
27  
38  
49  
50

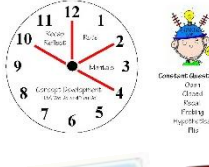
### Learning Targets

A learning target ... is numerical and has a timeframe

### Learning Goals

express 'what' learners need to learn and do

### Problem Solving Strategies



### Operations



### Chance

### Measurement and Geometry

### 2014 School Numeracy Targets

80% of all learners achieving 3s or above a 'C' standard (\*\*\*\*) by the end of 2014.

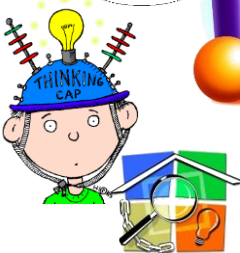
50% of all learners achieving either a 'B' standard (\*\*\*\*\*), or an 'A' standard (\*\*\*\*\*), by the end of 2014.

### Learning Goals

- A range of data, including PAT-M and Maths Benchmark Tests are used to develop and review individual numeracy goals for all learners
- Parent reporting to focus on individual numeracy learning goals

### Professional Development

- Monitor and coach staff in implementation of mental computations
- Teachers will have opportunities to visit colleagues' classrooms and observe numeracy routines/practices
- Release Time supports teachers to analyse data to differentiate and adjust programs
- Annual training for Teacher Aides to support numeracy teaching/learning



### Shape and Patterns

### Productive Pedagogies

