

SITE LEARNING PLAN-NUMERACY MARCH 2015

LEVEL 1 – RESOURCING

What resources will we utilise to support our Numeracy programme?

- ✚ Budget line
- ✚ Numeracy Committee to guide whole school improvement
- ✚ Timetable staff meetings and staff learning opportunities eg PLCs x 2/term.
- ✚ PD, whole staff and team/year level. Team release twice per year-half day planning-week 6, term 1 and week 4, term 3. Planning, curriculum, moderation focus. SFD Week 8, Term 1 –half day Literacy/Numeracy
- ✚ SSO support-to be defined. Quick Smart Maths currently in place.
- ✚ Ann Baker Natural maths resources to be purchased, including apps. BIIN, PAT Maths and testing resources available. PAT Maths undertaken terms 1 & 3 each year (2015) Term 3 only from 2016.
- ✚ Online resources i.e. TfEL, AC, Mathletics, Study Ladder.
- ✚ AC Cluster Facilitator (Mandy Hackett) to work with staff twice per year.
- ✚ Student resources – number kits, small whiteboards, resource boxes in all classes.
- ✚ Assessment tools ie PAT-Maths, BIN,
- ✚ Common whole school maths language accessible on S drive. Revisit annually.
- ✚ Staff to read 'Putting Faces on the Data' Lynn Sherratt. Consider whole school T and D.
- ✚ Parent Open morning/maths show case held once per year. Include Literacy-term 3.

LEVEL 3 - CHANGES IN THINGS LEARNERS DO

How will we see students learning in an active numeracy classroom?

- ✚ Enjoy maths
- ✚ Transfer their number skills and knowledge across the curriculum and into real life contexts
- ✚ Problem solve with others
- ✚ Engage in Open, Closed and Flip questions
- ✚ Show their learning in multiple ways
- ✚ Provide teachers with feedback about the lessons/learning opportunities
- ✚ Be involved in Peer assessment, self-assessment
- ✚ Use of whiteboards, maths kits, working in groups preferred pedagogy.
- ✚ Participate in joint conceptualisation/making meaning at the conclusion of each lesson. "What did you learn from today's lesson?"
- ✚ Follow the Anne Baker approach.
- ✚ Participate in the Quick Smart intervention programme-year 6 and 7.
- ✚ Complete attitudinal survey early each year. Year 3-7 focus.

LEVEL 2 - CHANGE IN THE THINGS TEACHERS DO

What will our pedagogy look like in an active numeracy classroom?

- ✚ Increased deprivatising and observations of each other's practice. Teachers to pair up, to observe with an explicit focus Involve leadership staff.
- ✚ 300 minutes of numeracy learning per week. Scaffolded pedagogy-AL approach.
- ✚ Ann Baker pedagogy – Mental Routines, Problematised situations, Reflection
- ✚ Seek from and provide student feedback in multiple ways-attitudinal survey(Yr3-7)
- ✚ Increased use of formative assessment strategies and tasks; during lessons, mid-topic to inform teaching and learning i.e. exit passes, cups, whiteboards, pair and share, wait time, hot seat questioning, random selection,
- ✚ Expect and provide opportunities for students to show a range of strategies
- ✚ Use authentic contexts requiring students to apply their skills and knowledge
- ✚ Number and Problem solving form the largest part of the curriculum.
- ✚ All staff to be trained in Natural Maths Strategies.
- ✚ All staff using BIIN/Diagnostic testing tools-test 6 students
- ✚ All staff using scaffolded approach pedagogy.
- ✚ Moderation to be considered for staff development.
- ✚ All staff to be trained in Anne Baker Maths-9 staff to be trained?
- ✚ Staff to share quality resources at staff and team meetings.

LEVEL 4 – SMARTA TARGETS

What targets will we set, when will we measure these and how will we know student learning outcomes have improved?

- NAPLAN
- PAT Maths-stanine score of 4-6 by week 5, term 1
- Quick Smart maths
- BIIN Testing-Diagnostic tools
- Attitudinal survey
- Class based assessment tools
- Early Entry maths assessment
- This task to be undertaken with support from Mandy Hackett late term 1

NOTE

- Numeracy committee (Paul, Anne, Carly, Karyn, Ian, Rosy, Greg H.) to respond to all data sets
- All data / targets to be displayed on a data wall

