



Maths
Creating Mathematicians

Key Areas	Strategies	Cost	Evidence for Improvement & Deadlines
1. Formal Written Methods	To look at and agree upon the calculation policy for the school. (All)	Part of INSET day	Methods agreed on INSET day. Policy provided by James
	For children to have access to written methods.	None	Check that children have access to methods (displays or folders) James
	Children to use short methods by Year 6 (where they will consolidate)	None	Checking in Summer Term (James & Pam)
2. Place Value	Layered targets to be introduced to ensure that children are secure with place value.	None	James to provide targets 7/01/14
	Baseline set through testing	None	By 10 th Jan. children to have completed baseline test. Questions to be set by: Jenny – 1/2 Ed – 3/4 Pam – 5/6
	Improvement test.	None	Week starting 24 th March test results in. Also evidence gathered from books, w/b etc. (James)
3. Times Tables Recall	Results from community survey show that knowledge of times tables is recognised as being important by all stakeholders. This will be communicated to parents.	None	Results from survey to be shared Term 2
	Use of 'Turbo Tables'	69p app	Used in class and as homework (Pam)
	Use of 'grid' - sent home and weekly tests.	None	Results to James. Expectation is that all children will be able to complete the grid by the end of Year 4.
	Class competition. Children's improvements in time will be averaged and a class will win tokens to put towards a treat. (James)	£10 a term	Improvement in competition – pupil survey.
	School Council to hold lunchtime practice sessions in library.	None	Popularity of sessions.

Comment [j1]: Discussed – some methods changed.

Comment [j2]: Displays or books in classrooms & website

Comment [j3]: Book show this is successful

Comment [j4]: Baseline test done

Comment [j8]: Community SDP created

Comment [j5]: KS1 are using these to great effect.

Comment [j7]: Free version – shared in newsletter. Some parental comments show it to be v. useful.

Comment [j6]: 5 mins extra play when appropriate to the winning class.



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4. Use of apparatus	Audit of resources (All). 14 th Jan. staff meeting preparing for parental maths morning. Children to select their own apparatus suitable for the task.	Unknown Approx. £100 None	Resources readily available for demonstrating maths and for children to select themselves. Evidence of children doing this in Term 2.
5. Mental Maths	Linked to the above practical – children need to be able to 'see' what is happening. Weekly practise (read and spoken)	None None	As above Results and flexibility to improve as year goes on.
6. Parents	Parents to know what methods are being taught: Calculation Methods on website. (Rachel) Demonstration morning for parents	None None None	Jan. '14 9-9:30 Weds 15 th Jan. + further dates if needed.
7. Flexibility	For children to be able to use different methods to answer problems: Questioning to be included in planning that focus on problem solving. E.g. – What if?	 INSET Day	Monitoring of planning – Term 2 Pupil Interviews – Term 2 Evidence in books etc. – Term 2
8. Number Bonds to 10	All children need to be secure in the use of these. Get a baseline. (James) Check improvement (James)	INSET Day None None	Look at importance with relation to calculation policy. 7.01.'14 By end of ½ term Term 2

Comment [j9]: Good improvements seen.

Comment [j10]: Done

Comment [j11]: Two done – in newsletter again (March)

Comment [j12]: Excellent examples, esp Class – as they know different methods.

Comment [j13]: Baseline done

Medium Term Objectives	<ul style="list-style-type: none"> To create links to local businesses (product launch, business plans etc) Children to enter local and national competitions Visits to school – e.g. happy puzzle company 	Unsure None Unsure	
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Comment [j14]: Special Projects Committee



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Long Term Objectives	<ul style="list-style-type: none">Children to win local/national competitions	None	
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