Maths report Summer 2015

Strengths
Staff are moving children forward to the new curriculum expectations. A successful whole school team support network for supporting children in achieving in their SATs. One level 6 achieved. In the Year 2 class 97% of the children achieved a level 2plus. 100% of children made expected progress from profile with 66% making better than expected progress. Maths is the strongest subject in Year 3 with 77% meeting end of year expectations. Year 4 67% of children are meeting end of year expectations.

Actions	Impact
Discovered Rising Stars maths survival kit for year 5 and the progression papers for year 5 maths. Passed to year 5 teacher	Used to support in making end of year judgements
Checked off SATs papers delivery and stored them securely	Correct quantities of SATs papers have been delivered for SATs week successful monitoring by local authority.
From Rising Stars gave year 1, 3, 4 and 5 staff progression papers for staff to support them in making a judgement as to whether a child is achieving, exceeding or not achieving the age related expectations.	Staff used these to make end of year judgements See year group data.
Year 5 teacher looked at year 6 handwritten calculation display.	Year 5 teacher took squared paper from Year 6 teacher to create a similar display in Year 5.
Easter School for year 6 children tried to solve maths murder mysteries	A good way to revise a range of maths concepts with the outcome being to find out who was the murderer. Children were fully engaged as they wanted to know who the murderer was.
SATs preparation through extra computing sessions at breakfast club	Most secure year 6 class there has been for times tables knowledge. Teachers assessment 92% Level 4plus, 35% level 5 and 8% level 6.
Attended maths moderation at Excelsior – only 1 of about 4 other primaries to attend.	Judgements agreed for level 6, 5 and 4 work.
Signed up for trial to Conquermaths. Assigned logins to years 2, 5 and 6 as their staff showed an interest.	Year 6 were hooked into daily practise of maths concepts. The video tutorial was especially valuable to introduce the topic. Year 6 children also used this to revise the areas they felt weakest in. Year 2 also used it nearly every day. Also year 2 used Mathletics on a trial basis. See year 2 data Year 5 actively engaged and also accessed this at home. To consider: is there value in subscribing for

	some children for one year? Current cost is £5 per child. (see year 6 and year 2 results) In Year 5 70% of children achieved end of year expectations which was a rise from 29% from the previous year.
From discussion with teacher going into year 6 next year we felt we needed to look into supporting year 6 with the challenges of the new curriculum. Invited Pearson/Abacus rep in. Used available time to look at content	Abacus looks supportive for teachers and children. Will be investing in this online based maths product for all of key stage 2. Monitor impact of scheme and ensure staff are trained in its use and that they adapt it as required to the needs of their children. It has mixed age planning for years 3 and 4 which will also be highly supportive. Children's names to be inputted and staff username and passwords to be created.
Create video clips of the calculation policy	Year 4 children with a little practise have very good explanation skills of the calculations
Attended Newcastle's second maths conference	Key messages for staff are it is ok to use the grid method. It is suggested that schools have a 0 to 1000 number line along the school corridors.

Actions for next year

Implement and monitor the maths scheme for KS2

Support year 2 and year 6 as they move to the new curriculum for the first time.

Engage children in showing their parents where the calculation video clips are.

Support year 6 in their preparation for the new SATs especially the new 30 minute arithmetic test this is not an audio test.

Support staff in new year groups.

Look at assessment materials from e.g. Abacus and rising Stars. Consider when to use them, how to use them, and what information can be used from them.

Complete calculation video clips.