

Maths Report to Governors

2016-2017

Maths Leader: Jen Fitzgerald

Actions this year

Summer 2016

- I analysed the SATs data to find which areas of Maths our children found most challenging. From the analysis and because of the new mastery curriculum, it was agreed that we would not set the children by ability.
- Tracy Shaw and I worked together to update and change the assessment tick sheets used in KS1 in Maths and Writing.
- I put together files for Year one and Year two containing Autumn, Spring and Summer planning ideas from had the White Rose to be used as a support during planning.

Autumn Term 2016

- Julie Morris observed standards in teaching across whole school.
- I updated the Calculations Policy.
- I led a staff meeting on Mastery in Maths and shared updated calculation policy which has got the concrete-pictorial – abstract (CPA) which is to be used across the whole school. All teachers agreed to follow the Singapore style of teaching by not setting in Maths.
- All staff agreed to set up a Maths Helpdesk in their classroom so the children could easily access and concrete resources they need when working.
- Maths featured in all Curriculum meetings for parents.

Spring Term 2017

- All staff had training on Growth Mindsets in Maths with Sarah Tennant and this has then been implemented into teaching of Maths across the school.
- I supported F2 with planning using ideas from Singapore maths, CPA and teaching for mastery.
- All staff attended training on Dyscalculia with Sue Calvery during staff meeting.
- Mrs Morris conducted a Maths learning walk across the school.
- Mrs Morris and a selection of Head teachers conducted a Maths learning walk across the school.

Summer Term 2017

- I attended a cluster group for Foundation Leaders and Maths Leaders to share good practice, discuss problems arising from new curriculum marrying up with the Foundation stage curriculum and decide how to continue to develop good practice across Foundation stage and Key stage one.

Training

- I have attended the Maths Leaders training with St.Helen's Maths Hub
- Year 1 teachers and Year 2 teachers attended a day of training led by Tara Laughran which supported planning for both year groups.
- Growth Mindset with Sarah Tennant
- Dyscalculia maths training

Impact upon Teaching and Learning

- Teachers in KS1 are more confident when planning and teaching for a Mastery curriculum using the White Rose documentation and after training with Tara Laughran.
- Children in each class are confidently tackling Maths problems and are independently using the Maths helpdesk to support them.
- Children are beginning to ask each other Mastery questions within sessions because it is being modelled so well. (Convince me, Show me another way, Prove it)
- All three areas of the curriculum; Fluency, Reasoning and Problem solving are evident in each lesson and staff are more confident talking about Mastery and what it looks like in their classroom.
- During the year, I am always having professional conversations with all members of staff about the teaching and learning. I am confident that they ask when unsure about parts of Maths. They are continually having discussions about the best resource and image to support the children with a concept. It makes me proud that our staff are working as a team to adapt and change the way we teach Maths and I know all staff are embedding the principles into their teaching.

Standards

Children are making progress in each year group and this can be seen from scrutiny of books and on target tracker.

It is hard to compare data from the 2015/16 with this year as the cohorts are a lot different. From staff meetings I am confident that all staff are aware of children in their class who are finding areas of Maths tricky and they are putting this onto their At a Glance sheet which then shows they are tracking their progress carefully.

Teachers are spending longer on each area to ensure children are able to show Mastery in that area and children can then be targeted if they aren't understanding the concepts.

Next Steps

- To review the new assessment sheets and system at the end of 2016/17.
- To review the use of White Rose with planning and adapt Calculation Policy as needed.
- To continue training as a moderator and shadow a Lead Moderator in June.
- To analyse SAT's data to show areas of development and areas where we are working and compare with previous year.
- To work with the infant Foundation leaders and Maths leaders to devise a progression in resources and images used from the Foundation stage through to Year 2.
- To continue to keep my eye on the horizon for new developments in mathematics.