

**Minutes of the Strategic Board Meeting
for the
South Yorkshire Maths Hub**

Held on 14 February 2017 at Notre Dame High School

Chair: John Barton

Minute Taker: Mrs P Parish

Present:

John Barton	NANAMIC	Pete Sides	SYMH
Bryony Black	University of Sheffield	Andy Tharratt	NCETM
John Coats	Hallam TSA	Kaye Twomlow	DEBP (STEM Ambassador)
Terry Dawson	MEI		
Sue O'Brien	Sheffield Hallam University		

Apologies:

James Cranch	University of Sheffield	John Pearson	JMP Support
Debbie Hepplestone	Clairvaux T&L Consortium	Sarah Rockliff	Learning Unlimited TSA
Rhiannon Jones	Teach First		

ACTION

1. Welcome and Introductions

All those present introduced themselves and Kaye Twomlow from Derbyshire Education Business Partnership (DEBP) provided a more in-depth overview as it was her first meeting. Kaye explained that the DEBP is the local STEM Ambassador Hub for the region and is the link between STEM Ambassadors, who are all volunteers, and schools/organisations.

2. Apologies

Apologies were received from James Cranch, Debbie Hepplestone, Rhiannon Jones, John Pearson and Sarah Rockliff.

3. Minutes of Meeting held on 15 December 2016

The minutes were circulated with the agenda.

The Chair requested that a correction be made to Item 3 – Action Plan and Financial Issues, line 2, to read as follows:

Delete 'Maths Hub' and replace with 'Yorkshire & Humber CPD Network Meeting'.

Resolved: That the minutes of the SYMH Steering Group on 15 December 2016 are to be accepted as a true record with the amendment noted.

3.1. Matters Arising and Actions

5. Strategic Board and Sub Groups

P Sides has invited local Teaching Schools to a meeting on 12 March 2017 to discuss working collaboratively and to establish a degree of commitment.

4. Terms of Reference for the Steering Group of the SY Maths Hub

Page 2: Strategic Board

P Sides suggested that timescales require a degree of flexibility to take into account, for example, that Work Groups finish at the end of July and therefore the evaluations will realistically not be reviewed until the middle of the Autumn term. Everyone was in agreement that there was no need to amend the cycle.

Page 3 – Strategic Sub Groups

d) Teaching for Mastery Strategic Group

It is possible that this could be split into Primary and Secondary with a requirement to move more towards a Secondary Development Group in the future.

d) Strategic Group of TSAs & ITT Providers

Collaboration with TSAs will be discussed at the next meeting on 12 March 2017. Currently, there is no ITT Sub Group. Collaboration with ITT providers is being developed by Sam Twisleton, Partnership of Attainment.

d) Early Years & Foundation Stage

The Terms of Reference received the approval of everyone and it was suggested that the document be dated: P Parish to action. Thanks should go to all those involved in compiling the document as it is clear and concise.

P Parish

5. Review of the Work Groups & 6. Spending to Date Against Budget

A copy of the Work Group Summary of Progress dated February 2017 was reviewed alongside the Spend to date - February 2017.

There was a discussion around the difference between Co-ordination Groups, Sub-Groups and Work Groups.

P Sides explained that the Strategic Group oversees the running of the SYMH and meets three times a year. The Group is independently chaired and reviews the funding and organisation of the Maths Hub. Each Sub-Group reports to this group on progress and recommendations for future planning.

The Sub-Groups are:

- Teaching for Mastery including Early Years/Foundation and SEND
- Level 3 & Post 16
- Collaboration of South Yorkshire Teaching Schools
- Teacher Training Recruitment and Retention

The associated areas of focus for Work Groups derive from the above four Sub Groups. P Sides agreed to devise a diagram that outlines the structure and post it on the SY Maths Hub Website.

P Sides

It was suggested that all of the Work Group Leaders should meet once a year to review progress and share experiences.

5.1 Teaching for Mastery Lead

The Primary Lead, Georgina Brown is doing a superb job of visiting lots of schools, helping to create Mastery programmes. The England-China exchange was a success with two showcase events and Teacher Research Group. The next area of focus is to recruit four specialists and 48 schools to participate in the TRGs – 26 schools have already signed-up.

5.2 Primary Teaching for Mastery Specialists – Cohort 1

We currently have 3 specialists who have each been given £6,000 for up to 30 days' work to complete their specialist tasks – leading TRGS and supporting schools. The participating schools each receive £1,000 to contribute towards cover costs. A one-off payment can be claimed by all schools participating in the Teaching for Mastery Work groups, Cohort 1 and Cohort 2. Schools are free to select any textbooks from the recommended list. Maths Hubs will pay each school 50% of what they spend, up to a maximum amount of £2,000.

5.3 Primary Teaching for Mastery Specialists – Cohort 2

Five people are currently being trained for the new academic year. Travel expenses will need to be added to the costs.

5.4 Secondary Teaching for Mastery Specialists

Four trainees have been appointed from High Storrs School, Notre Dame High School, Maltby Academy and Horizon CC. There will be additional travel expenses for the specialists to attend the national training.

5.5. Local Secondary Teaching for Mastery Engagement

B Black asked whether the Maths Hub should consider if those schools involved in Mastery should complete an audit/evaluation of where they are at in the Mastery process and their plans for the following year. It was suggested that ITT students could observe the process. P Sides suggested that we consider the cost versus the evaluation outcomes.

6. Text Books

St John's Primary, Penistone and Hayfield Lane Primary have been commissioned to do a case study to develop an IRIS Connect Group to demonstrate how they have incorporated the textbooks into their day-to-day practice.

7. Roadmap to Mastery

Jan Hedge has been appointed to evaluate the twilight model and 5 day model facilitated in Rotherham, using the recommended Work Group evaluation toolkit.

The hope is that next year, Teaching Schools will continue to promote and facilitate the programme.

There are six network meetings throughout the year, one held every half term, which provide an opportunity for schools to collaborate, discuss issues and share experiences. The feedback is positive and are value for money (£80 to run a session).

P Sides is considering setting up a network for PMTMS next year to share ideas/preparation/materials etc. The Maths Hub has to consider whether it should fund these meetings.

8. Self-Development of TRG Strategy & Lesson Study

10 primary schools are currently participating. Bob Sawyer, in conjunction with Learn Sheffield, is developing a programme for primary and secondary schools to engage in full lesson study.

9. Self-Development of Primary Teaching Materials

LUTSA are working with schools to develop teaching for mastery style teaching resources and to create a training IRIS Connect Group for schools to be able to follow a similar process. Colleagues from 3 schools are currently engaged.

PS/AT to
adjust budget

10. Early Years

This group have met twice to discuss and develop a schedule for action. The group are keen to get the private sector involved. There is likely to be an under spend on the budget.

11. SEND

A continuation of last year's work.

12. Mental Agility

A repeat of last year's development group. There are 15 schools currently involved.

13. L3 Maths Lead & Co-ordination Group

Funds have not been allocated.

14. Enhancement & Extension

This is a fantastic opportunity to collaborate within the community. P Sides is happy for STEM Ambassadors to contribute and/or ITT students. P Sides agreed to communicate with Kaye Twomlow.

P Sides to
promote
events

15. KS3 Reasoning

HEI involvement is being encouraged; Susan Slater is also working with other Hubs. Whilst there is underspending, the DfE are happy to reallocate funds so we do not have to claw back. P Sides to update the website with resources.

PS upload
resources

16. KS2/3 Problem Solving using Bar Models

Participating schools are asked to trial software and evaluate impact. P Sides has requested examples of lessons delivered and to put forward further ideas.

PS to look at
web
resources

17. NRICH

There is a dedicated page on the SY Maths Hub website with reflections and resources. Fran Watson of Cambridge University is booked to facilitate a follow-up session on 25 May 2017. The Work Group Leader, based at Porter Croft Primary, has booked Fran for a day, so Fran will be charging a small cost for her time.

18. Development of Secondary Teaching Materials

A series of events have been planned to share and develop materials. ITT could possibly get involved. Horizon CC have agreed to host another event.

19. Development of CPD Programmes

A small number of Teaching Schools have confirmed their support for collaboratively developing CPD opportunities for teachers of maths, funded by the Maths Hub.

20. England China Exchange

This is an additional group.

7. Local Priorities

7.1 STEM Ambassadors

P Sides extended an invitation to the STEM Ambassadors to attend a twilight session where P Sides would introduce the SY Maths Hub and provide the opportunity to discuss working together. P Sides agreed to contact K Twomlow to agree a date.

PS/KT to agree a date

7.2 Teaching for Mastery

National and local funding is shifting from Primary to the Secondary phase and P Sides and T Dawson are meeting on the 15 February 2017 to discuss.

7.3 Ongoing CPD/Recruitment & Staff Retention

A discussion took place around how best the Maths Hub could support improving the retention rates and the importance of high quality mentoring and mapping out career progression.

P Sides to consider the possibility of offering remote support e.g. a community of networks, Facebook account, access to resources and materials and collaborative projects.

7.4 Barnsley Post 16 Priority

P Sides has invited Barnsley schools to attend a meeting at the College in early April to discuss the low uptake of Post 16 Maths by young people in Barnsley. The meeting is an opportunity to look at engaging students in enhancement activities and will be a hands on session trying out resources and materials. The focus is discussing potential strategies to engage learners in maths.

P Sides suggested that this type of event could be repeated at the new UTC.

7.5 Summer Event – 27 June 2017

P Sides asked the group to possibly consider supporting the idea of a Summer Event at a venue somewhere like Doncaster Race Course for teachers and students from a maths, science and engineering background. This could be a great opportunity for STEM Ambassadors to be involved.

P Sides requested that any thoughts or suggestions be emailed to him.

7.6 New College in Doncaster

Recruitment and retention is a priority and buy-in from senior staff is crucial. Bob Sawyer is trying to get us invited to the Heads meetings so that we can work together collaboratively.

8. Date and Time of Next Meeting

Friday 9 June 2017 at Notre Dame High School. 12.30 pm arrivals with a 1.00 pm start and 3.00 pm finish.