

Effective use of Resources and Tools across Year 6 and 7

Work Group Information Sheet

INV19-06



Overview

This Work Group is in response to concerns raised since the removal of Calculators from the KS2 SATs, their use in Primary schools has inevitably and understandably decreased. With the requirement to use a calculator in 2 of the 3 GCSE papers, it has become very apparent that students are not starting Year 7 with an understanding of or much experience of using a calculator. Similar things could be said of using equipment such as protractors and other measuring tools where their use is introduced but not embedded.

Who is this for?

Teachers from Upper KS2 (or Primary maths subject leads) and teachers of KS3. Ideally participants will attend in pairs linking teachers from All-Through schools/Middle schools/Secondary schools with their feeder Primary schools.

What is involved?

Discussing, exploring, writing and trialling ideas as a whole group

Creating, trialling and revising a set of resources/activities/plans to promote the use of key resources and technologies across years 6 and 7

Meetings as a group including Gap tasks to try out, develop and evaluate possible activities/resources.

Cross phase visits to learn more about pedagogical approaches across the KS2/3 transition.

This Work Group is comprised of whole day sessions.

- **Session 1:** Wednesday 6th November 2019 (09:30-15:30) [Harris Federation Head Office](#)
- **Session 2:** Monday 3rd February 2020 (09:30-15:30) [Woodmansterne School](#)
- **Session 3:** Tuesday 5th May 2020 (09:30-15:30) [Woodmansterne School](#)
- **Session 4:** Wednesday 17th June 2020 (09:30-15:30) [Woodmansterne School](#)

Intended Outcomes

Participants in this project will:

- Understand the purpose of the use of mathematical tools (calculators, measuring, drawing equipment, IT tools (Calculator simulators / Interactive boards and panels / Visualisers / Graphing programmes).
- Understand more about the curriculum in different key stages and the pedagogical approaches involved.
- Gain pedagogical strategies for teaching effective use of key tools.
- Know how to plan for the appropriate use of mathematical tools.

Expectations of participants and their schools

In general, participants should:

- ✓ Ensure they have support of their school and attend all the workshops.
- ✓ Engage in pre-work group materials and surveys.
- ✓ Engage fully and professionally in the workshop activities.
- ✓ Be mindful to maintain the trust and confidence of the Work Group, understanding the different contexts of each individual participant.
- ✓ Participate in the gap tasks.
- ✓ Maintain the learning journal/reflective log where required.
- ✓ Complete the evaluations required by the Work Group.

Funding

There is no charge for teachers and schools to take part in this Work Group.

Who is leading the Work Group?

Alison Hopper- Alison has been involved in Primary education in various roles for around 20 years. As a class teacher and senior teacher, she led maths, assessment and music in a number of schools. For many years, she was a Primary Strategy Mathematics Consultant in Surrey and also spent two years lecturing at The University of Brighton on their ITT courses in maths. The combination of these roles allowed her to explore how children learn and how teachers teach from many perspectives.

Recently she has worked with schools to develop classroom approaches involving aspects of Teaching for Mastery in mathematics as well as supporting teachers in moderating assessments. Current projects include the creation of materials to support transition from Year 6 to Year 7 which links with other work she is involved in within the NCETM Maths Hub Year 5 – 8 Continuity Work Group.

If you're interested, what next?

To book your place please visit:

<https://www.londonthamesmathshub.com/event-details/effective-use-of-tools-and-resources-across-year-6-and-year-7-session-2-of-4>

To register your interest for this Work Group please contact:

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