

Oracy (Primary)

Research and Innovation Work Group

Maths Hubs Network
Collaborative Projects
2021/22



Fully funded by the Maths Hubs Programme so is free to participating schools.



Outline

This Work Group is designed to support the children to learn 'through talk and to talk' (Voice 21 benchmark). It is designed to deepen students' understanding of maths by using strategies for oracy to develop students' reasoning skills. Central to the Work Group is establishing a community of practice, aiming to answer the research question:

How can oracy deepen students' mathematical reasoning?

This Work Group will consider specific pedagogical strategies and the impact that the specific pedagogy of oracy can have on students' mathematical thinking and securing understanding.

Details

What is involved?

Local Work Group design will follow a workshop – school-based work cycle, consisting of several workshops followed in each case by specific school-based work. Collaborative planning and lesson study are integral to the workshops and in school work. Creating and using sentence starters, sentence stems and generalising sentences will be key elements of the workshops and in-school work. Participants are expected to consider ways to develop the approaches explored during the project with other staff in their schools. We are running this programme online to allow access across the hub region.

What are the benefits?

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Participants and their schools will:

- ✓ students show improved understanding
- ✓ students articulate their understanding effectively
- ✓ participants understand the approaches and strategies which will develop an oracy-rich culture and support deep and connected understanding
- ✓ participants will engage in collaboration between primary and secondary colleagues on issues of oracy

The wider context

When children, who had been at home during lockdown, returned to school they were more reluctant to: talk about their mathematical thinking, share ideas, make connections using what they know and collaborate with others in maths lessons. We believe that focussing on increasing opportunities to both reason and share thinking will be vital to rebuilding mathematics communities. In particular, developing oracy will be essential in re-establishing mathematical behaviours.

Expectations of participants and their schools

Schools must be able to commit to the full programme. This involves a total of six online twilight workshops as well as classroom and school-based activity. The workshops include: online interaction as a group; collaborative planning of teaching sessions in pairs or trios; teaching of planned sessions with a class or groups of focus learners; videoing learning; and sharing reflections. Participants should also be supported by their school leadership to explore outcomes from the project with other colleagues in their school.

Workshop details

Workshops will be online and led by Stefanie Burke

Workshop 1 – Thursday 9th December 2021 3.45 – 5.15 pm (cross phase)

Workshop 2 – Thursday 13th January 2022 3.45 – 5.15 pm

Workshop 3 – Thursday 17th February 2022 3.45 – 5.15 pm

Workshop 4 – Thursday 31st March 2022 3.45 – 5.15 pm

Workshop 5 – Thursday 12th May 2022 3.45 – 5.15 pm

Workshop 6 – Thursday 16th June 3.45 – 5.15 pm (cross phase)

Link to expression of interest form [here](#).