

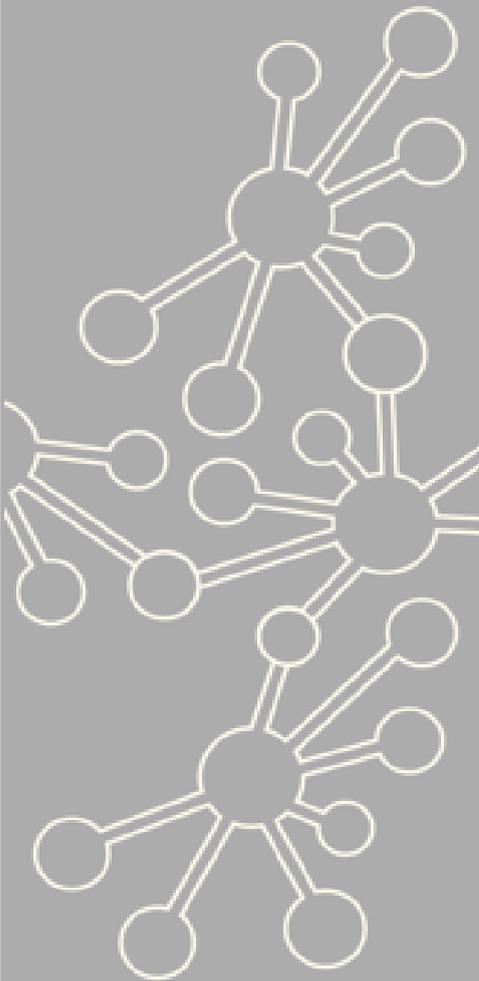
Oracy

(Secondary)

Jurassic Maths Hub

Jane Hawkins

Maths Hub Network
Commissioned Themes
2021/22



Fully funded by the Maths Hub Network, this programme is free to participating schools.

Outline

Work Groups in this project aim to deepen students' understanding of maths by using strategies for oracy to develop students' reasoning skills and to support them in making connections with mathematical structure.

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 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 encouraged, all participants focus on developing mathematical oracy across the curriculum and work collaboratively to explore this in their schools. Cross-phase collaboration is encouraged wherever possible. Participants are expected to consider ways to develop the approaches explored during the project with other staff in their schools.

What are the benefits?

Participants and their schools will:

- ✓ understand the approaches and strategies which will develop an oracy rich culture and support deep and connected understanding
- ✓ develop collaboration between primary and secondary colleagues on issues of oracy and coherent curriculum pedagogy.
- ✓ students show improved understanding based on connections with mathematical structure
- ✓ students articulate their understanding effectively

The wider context

The Work Groups promote teaching for mastery approaches across the phases to ensure consistency in the student experience, thereby meeting the primary and secondary strategic goals of establishing teaching for mastery approaches and encouraging schools in engaging with teaching for mastery support. The Work Group will also use Influence pathway 1, to research and develop professional and school approaches and materials that can be incorporated into the design of existing NCP Work Groups or programmes.

Expectations of participants and their schools

Participants must be able to commit to the full academic year's programme. This involves a total of five online twilight workshops as well as classroom and school-based activity. There will also be an opportunity to participate in a full day less study experience. Participants must also be supported by their school leadership to explore outcomes from the project with other colleagues in their school.

Course details

This Work Group consists of 5 online twilight sessions as well as a full day lesson study workshop and intersessional school based activity.

Workshop 1 – Thursday 9th December 1545 - 1715. (online - cross phase)

Workshop 2 – Tuesday 11th January twilight 1545 - 1715. (online)

Workshop 3 – Thursday 17th February twilight 1545 - 1715. (online)

Workshop 4 – Friday 18th March Lesson Study 0900 - 1530. (face-to-face, venue tbc)

Workshop 5 – Thursday 12th May twilight 1545 - 1715. (online)

Workshop 6 – Thursday 16th June 1545 - 1715. (online - cross phase)

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

For further information, contact the Work Group Lead, Jane Hawkins
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