

reSolve Champions' Assessment Special Interest Group

Purposes

The Assessment Special Interest Group (SIG) will:

- contribute to the assessment advice provided by the reSolve project by exploring and developing formative assessment in the context of reSolve classroom materials, with a particular focus on the Proficiencies in the AC:M;
- work with ACARA staff and processes to capture and annotate student Work Samples from reSolve classroom materials for publication as support materials on the ACARA website;
- inform the development of a broadly based resource designed to build the capacity of Australian teachers of mathematics to assess and provide feedback on student achievement in relation to the Proficiencies.

Processes

Champions who are members of the Assessment SIG will:

- take part in a series of up to three webinars and workshops led by Ms Margaret Bigelow (ACARA) to build their knowledge and understanding of formative assessment of the Proficiencies and other matters relevant to the work of the SIG;
- teach selected reSolve lessons (or other appropriate resources) and collect samples of student work;
- work with Ms Bigelow and each other to annotate some samples of student work to identify evidence of achievement against the relevant Achievement Standard(s) in the AC:M; and
- provide all the permissions and other documentation necessary for the publication of their students' work as ACARA Work Samples.

In line with ACARA timelines the SIG will conclude its work on Work Sample preparation by the end of 2018.

Some Champions may be interested in establishing a small team of colleagues at their school with whom they work to prepare annotated Work Samples for publication by ACARA. This would be valuable professional learning for the team and will be recognised as such in the expectations of Champions in the Leading reSolve Program.

reSolve team member involved

Steve Thornton

reSolve Champions' Indigenous Students Learning Mathematics Special Interest Group

Purposes

The Indigenous Students Learning Mathematics Interest Group (SIG) will research the use of reSolve resources supporting the mathematical learning of Indigenous students and contribute advice about using and adapting reSolve project resources and processes with these students.

Processes

Champions who are members of the Indigenous Students Learning Mathematics SIG will:

- analyse some reSolve resources to identify aspects that provide affordances and possible barriers for the learning of Indigenous students in learning Mathematics;
- adapt (as necessary) and use reSolve resources with their classes, with particular attention to the materials' efficacy with Indigenous students;
- discuss and share what they find out about using and adapting reSolve resources for their Indigenous students; and
- contribute to the preparation of an 'Advice paper(s)' that outlines their findings and insights, and provides suggestions for the use of reSolve resources with Indigenous students learning mathematics (e.g. vignettes, case studies, etc.).

In line with reSolve timelines the SIG will present its Advice paper(s) by the end of 2018. Some Champions may be interested in establishing a small team of colleagues at their school to work together to research the use of reSolve resources with Indigenous students learning mathematics. This would be valuable professional learning for the team and will be recognised as such in the expectations of Champions in the Leading reSolve Program.

reSolve team member involved

Matt Skoss

reSolve Champions' STEM Special Interest Group

Purposes

To investigate how reSolve resources can be used and adapted into settings where interdisciplinary STEM learning is emphasised.

Processes

Champions who are members of the STEM SIG will:

- Identify some reSolve resources that can be used to provide STEM learning opportunities.
- adapt (as necessary) and use reSolve resources with their classes, with particular attention to the materials' efficacy in STEM settings;
- discuss and share what they find out about using and adapting reSolve resources for STEM learning; and
- contribute to the preparation of an 'Advice paper(s)' that outlines their findings and insights, and provides suggestions for the use of reSolve resources to support school STEM initiatives (e.g. vignettes, case studies, etc.).

In line with reSolve timelines the SIG will present its Advice paper(s) by the end of 2018. Some Champions may be interested in establishing a small team of colleagues at their school to work together to research the use of reSolve resources with STEM programs. This would be valuable professional learning for the team and will be recognised as such in the expectations of Champions in the Leading reSolve Program.

reSolve team member involved

Kristen Tripet