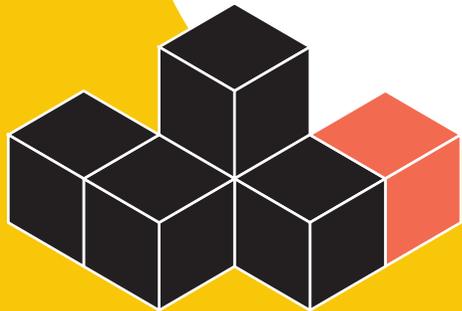


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re(Solve) MATHS BY INQUIRY

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reSolve: Mathematics by Inquiry  
is an initiative of, and funded by, the  
Australian Government Department  
of Education and Training



Australian Academy of Science



Australian Academy of Science



re(Solve) MATHS BY INQUIRY

*Promoting  
a spirit of  
inquiry in the  
teaching and  
learning of  
mathematics*

# Professional resources

The reSolve professional resources provide the link between the Protocol and the teaching and learning resources.

They are designed to inform and stimulate individual teacher and whole school change.

Professional resources promote a shared understanding of the reSolve Protocol and the reSolve approach to promoting a spirit of inquiry.

# Classroom resources

The reSolve classroom resources provide exemplary materials from years F to 10.

They put into practice the elements of the reSolve Protocol and promote fluency, deep understanding, strategic problem solving, and mathematical reasoning.

Each classroom resource is carefully designed to develop progressive understanding through tasks that encourage a spirit of inquiry.

# Protocol

The reSolve: Mathematics by Inquiry protocol:

- Provides a set of principles that underpins all the reSolve resources
- Describes excellence in mathematics teaching and learning.

purposeful,  
challenging  
yet accessible,  
knowledge  
building  
culture

The reSolve spirit of inquiry permeates all learning in mathematics, encouraging students to ask questions, test ideas, seek meaning and explain reasons.

# Special topics

The reSolve special topics are significant resources that address the needs of 21st century learners.

Each topic is a substantial unit of work that prioritises the Australian Curriculum proficiencies of problem solving and reasoning.

Our special topics provide imaginative opportunities for creatively using new technologies in real world contexts.

# Champions

reSolve Champions will carry on the work of Mathematics by Inquiry into and beyond 2018.

They are drawn from a range of locations and contexts to ensure that every school in Australia has access to reSolve expertise.

Each reSolve Champion will undertake a 12-month professional learning course that gives them in-depth knowledge of the reSolve resources, and the expertise to promote the reSolve spirit of inquiry among colleagues and the wider community.