Winters Flat Primary School Chess Squared Program

The Chess Squared Program is designed to use chess in mathematics as a potential means of engendering greater resilience, persistence, impulse control, strategic thinking, problem solving and general willingness to undertake challenging tasks while working mathematically. The program is designed to build greater resilience in students through a comprehensive tournament structure that develops their confidence and willingness to solve challenging problems under pressure of competition. The program has impacted on a wide range of students with different demographic and learning profiles.

School Tournament Outcomes
Winters Flat has been very successful winning a place in the state chess finals last year. The school has produced a number of outstanding players who have enjoyed success.

University Research Program
The school chess program is part of a Master research project designed to study a number of key issues including; mathematical thinking, self efficacy, resilience and achievement, and how to initiate improvement in these areas.

Benefits to Students
Winters Flat is always looking for innovative ways to improve student motivation and engagement. Many students have excelled in the chess program. The school has developed lesson plans which link chess within a numeracy framework providing a fun way to do maths. The school program aims to generate an appreciation of chess as a mind sport and provide links to well-being and engagement that create a positive schooling experience for students and therefore make schooling more relevant and engaging.