**Computational and Algorithmic Thinking (CAT) Competition – Tuesday April 2**

The CAT Competition is a one-hour problem solving competition that promotes multiple modes of thinking. No computer programming is necessary but the competition seeks to identify students with computer programming potential.

Open to all students in Years 7 to 12.

**Australian Mathematics Challenge for Young Australians (AMCYA) – 4 week period in Term 2**

The Maths Challenge runs over four weeks and exposes students to difficult problems to develop their problem-solving skills. Students will be withdrawn from class for 1 period per week during the challenge but the majority of the challenge will need to be completed at home. Students are expected to catch up on the classwork they miss while participating in the challenge. Students can use resources to help them with the problems and can discuss the problems with fellow challengers but cannot receive help from anyone else, including their teacher or anyone contactable over the internet (e.g. forum).

Open to all students in Years 7 to 10

**Australian Mathematics Competition (AMC) – Thursday August 1**

The Australian Mathematics Competition is a 75 minute competition. The problems get more challenging as the competition progresses so this competition is perfect for a variety of abilities to find some challenge.

Open to all students in Years 7 to 12.

**ICAS Mathematics Competition – Thursday September 19**

The ICAS Mathematics Competition is a one-hour competition and is our most popular competition. The questions are based on the curriculum for the relevant year level. Students are asked to demonstrate a deeper, integrated and thorough level of learning.

Open to all students in Years 7 to 12