



**COMPUTATIONAL & ALGORITHMIC THINKING Competition (CAT) 2020
YEARS 9-13**

DATE OF COMPETITION: **Wednesday 29 April 2020.**

COST: As an optional/extra-curricular activity participation in this will cost **\$8.50** per student.

CLOSING DATE FOR ENTRIES: **Monday 23 March 2020.**

The Computational and Algorithmic Thinking (CAT) competition is a one-hour problem solving competition designed to encourage student curiosity and promote multiple modes of thinking.

Questions involve some mathematical ideas related to computing and are designed for students to try something new. It focuses on the skills behind computer programming and algorithm design, but does not require any specific knowledge of programming or programming languages.

The competition has a mixture of multiple-choice and integer answers and incorporates unique 'three-stage tasks' that encourage students to develop informal algorithms and apply them to test data of increasing size or complexity. The original problems are designed to be quick to solve and highly approachable, and range in difficulty from very easy to challenging. Some questions test the ability to perform procedures, others require logical thought, while the more challenging problems require the identification and application of algorithms.

To enter please follow the link below and complete the online entry form.

<https://tinyurl.com/y6ep8afj>

Payment can be made by Parent Portal, EFTPOS, Internet Banking (Elim College BOT: Acc no 02-0100-0357672-00) or into the silver box (Botany Campus), envelope slot (Mt Albert and Golflands Campuses) by **Monday 23 March 2020.**

Always remember to include student name and event name as reference.

Yours sincerely

Mathematics & IT Department Teachers