



KILLARA PRIMARY SCHOOL  
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21<sup>st</sup> February, 2018

## **AUSTRALIAN MATHEMATICS TRUST EVENTS 2018**

Dear Parents,

This year students at Killara in Year 3/4 and Year 5/6 are invited to participate in a range of events run by the Australian Mathematics Trust. Details of these events are listed below. Please note; Year 5/6 students who elect to participate in both events will receive a discounted price of \$9.00 for both events. Individual events are priced at \$5.90 each. Results for these competitions will be provided to families when they are received by the school, usually some time in Term 3.

If you wish for your child to participate in either event, please fill out the permission slip attached and return with payment by Friday 2<sup>nd</sup> March 2018. Unfortunately we cannot accept any late entries and payments after this date, due to enrolment date limitations.

**Kathryn Adams**  
Numeracy Coordinator

**Pete Hansen**  
Acting Principal

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### **Computational and Algorithmic Thinking (CAT) Competition** **YEAR 5/6 STUDENTS ONLY: Tuesday 27<sup>th</sup> March 2018**

*The Computational and Algorithmic Thinking (CAT) competition is a one-hour problem-solving competition which seeks to identify computer programming potential—something which students might not normally have an opportunity to demonstrate. The competition is an ideal activity to encourage an interest in programming. No prior experience in computer programming is necessary.*

*The competition employs 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 accurately perform procedures; others require logical thought, while the more challenging problems require the identification and application of algorithms. **The CAT is suitable for Year 5-6 Students only.***

**The Australian Mathematics Competition (AMC)  
YEAR 3-6 STUDENTS: Thursday 9<sup>th</sup> August 2018**

*The Australian Mathematics Competition (AMC) was introduced in Australia in 1978 as the first Australia-wide mathematics competition for students. It has become the largest single event on the Australian education calendar, allowing students to attempt the same tasks on the same day in over 30 countries around the globe.*

*Running since 1978, the AMC is for students of all standards. Students are asked to solve 30 problems in 60 minutes. The problems are designed to test mathematical thinking rather than focus on calculations themselves, thus such questions are designed so that they can be answered just as quickly without a calculator as with one. The problems presented increase in difficulty as the challenge progresses. **The AMC is suitable for students in Years 3-6.***

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**AUSTRALIAN MATHEMATICS TRUST COMPETITION ENTRY 2018**

Student's Name: \_\_\_\_\_ Class: \_\_\_\_\_

Grade level: 3 4 5 6 (please circle)

I \_\_\_\_\_ give permission for my son/daughter to take part in the following Australian Mathematics Trust Events and have enclosed appropriate payment:

- Only the Computational and Algorithmic Thinking Competition on Tuesday 27<sup>th</sup> March 2018 (Available to Year 5/6 students only) **\$5.90.**
- Only the Australian Mathematics Competition on Thursday 9<sup>th</sup> August 2018 (Available to Year 3-6 students) **\$5.90.**
- Both events listed above (Available to Year 5/6 students only) **\$9.00.**

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

**Payment Details**

Please find enclosed a payment of \$\_\_\_\_\_

- QKR – receipt number: \_\_\_\_\_
- Direct Deposit – date deposited: \_\_\_\_\_
- Cash Enclosed
- Take from CSEF payment (For those families who have received this allowance)