



**CABRA**  
DOMINICAN COLLEGE

# ACADEMIC CHALLENGE & ENRICHMENT (ACE) INFORMATION GUIDE

The Academic Challenge & Enrichment, or ACE, program is a great way to develop skills and confidence and meet like-minded students, with many opportunities to attend events and competitions outside the college. ACE activities are grouped into Academies to provide multiple opportunities to participate.

## DEBATING AND PUBLIC SPEAKING ACADEMY

### DEBATING

This state-wide competition is run through the South Australian Debating Association (SADA) with mentor teachers from Cabra. This competition requires lunchtimes meetings as well as some afterschool debating rounds against other schools. Venues TBC, Term 2 and 3, all year levels.

### ETHICS OLYMPIAD

Students work in teams to compete against other schools to debate ethical issues. This competition requires lunchtime meetings and rounds against other schools will be via online format. Term 1 and 4, all year levels.

### MOCK TRIALS

The Mock Trial competition runs in conjunction with The Law Society of South Australia and is an avenue for students interested in the legal system to experience simulated court cases contested by students in teams. This competition requires lunchtime meetings and rounds against other schools. Term 1 and 2, Years 10-12.



### DA VINCI DECATHLON

Students compete in teams of eight across 10 disciplines: engineering, mathematics and chess, code breaking, art and poetry, science, English, ideation, creative producers, cartography, and legacy. This competition requires lunchtime meetings. Students compete against other schools. Venues TBC, Term 1 and 2, Years 7 and 9.

### OZCLO

Students compete in teams of four on a range of language analysis problems. Students attend some lunchtimes for preparation and then compete through an online quiz. Term 4 and 1 the following year, Years 9-12.

### TOURNAMENT OF MINDS

Students compete to solve authentic, open-ended challenges that foster creative, divergent thinking whilst developing collaborative enterprise, excellence and teamwork. Challenges are set in the following disciplines of the Arts, Language, Literature, Social Science and STEM. This competition requires lunchtime meetings. Students compete against other schools. Venues TBC. Term 2 and 3, Years 7-12.

### CHESS

Students train for and compete in state chess competitions. A mentor is available to support and guide students. Term 2 and 3, all year levels.

### WORLD SCHOLARS CUP

Students participate and compete in a problem-solving competition against other schools. Venues TBC, Years 7-12.





## STEM ACADEMY

### ROBOCUP

In RoboCup, students compete individually or in teams in a variety of specific areas using EV3 LEGO Mindstorm robots. These include events such as Robot Soccer, Dance Choreography, Rescue Maze and Rescue Line. This competition requires lunchtime meetings. Students compete against other schools, venue TBC. Term 1 to 3, all year levels.

### BRIDGE BUILDING

Students compete in teams against other school to create a bridge which will be assessed under specific guidelines. This competition requires lunchtime meetings. Students compete against other schools, venues TBC. Limited spots, Term 3, Years 8-9.

### OXFORD UNIVERSITY COMPUTING CHALLENGE (OUCC)

Students interested in computer programming using block code are highly encouraged to participate in this nation-wide competition. This requires some lunchtime meetings and final exam will be held at school. Term 1 and 2, Years 7-12.

### AUSTRALIAN INFORMATICS OLYMPIAD (AIO)

Students passionate in computer programming using advanced coding including Python 3 or Java are highly encouraged to participate in this nation-wide competition. This requires some lunchtime meetings and final exam will be held at school. Term 3, Years 7-12.

### ACER GLOBAL ACADEMIC CHALLENGE

Students are selected to participate in an international Math/ Reading/ Science competition. Term 2, Year 8.

### AUSTRALIAN SCIENCE OLYMPIAD

Students participate in a Science competition. Term 2 and 3.

### BIG SCIENCE COMPETITION

Students participate in a Science competition. Term 1 and 2.

### AUSTRALIAN BRAIN BEE COMPETITION

Students participate in a Science competition. Term 1.

### AUSTRALIAN INTERMEDIATE MATHEMATICAL OLYMPIAD (AIMO)

Students are selected to compete in an Olympiad-level math contest and is conducted under school supervision. Students attend some lunchtimes for preparation. Term 3, Years 7-10.

### COMPUTATIONAL AND ALGORITHMIC THINKING (CAT)

Students are selected to compete in a one-hour online problem-solving competition designed to encourage student curiosity and promote thinking. Students attend some lunchtimes for preparation. Term 1-2, all year levels.

## WRITERS ACADEMY

### LITERARY COMPETITIONS

Students participate in a variety of different literary competitions including prose/poetry/essays. Term 1-4, all year levels.

### NATIONAL HISTORY CHALLENGE

Students participate in the National History Challenge. Lunchtime meetings are required. Term 3.

### CONTACT DETAILS

If you have any questions regarding the ACE Nominations, please contact Kate Rowberry (Academic Challenge & Enrichment Coordinator) at

[ace@cabra.catholic.edu.au](mailto:ace@cabra.catholic.edu.au)

Thank you for your consideration of participating in Academic Challenge & Enrichment at Cabra.

