

# JUNIOR STRETCH AND CHALLENGE DAY

(YEARS 7-9 / AGES 12-14)

**09.00 : Arrival**

**09.15 : Welcome**

**09.30 : Session 1: Lecture**

## JUSTICE TRUTH BEAUTY AND MATHEMATICS?

Punishment is widely accepted and practiced to achieve 'justice'. Children, adults, institutions and even whole countries can be punished in the name of 'justice'. But what is justice and does it exist? This session will explore the difficulties of achieving agreement about justice and ask **what is the point of punishment** and what is it supposed to achieve? Contemporary examples will be used to illuminate the complexity of the philosophical issues and the impact on other areas of human knowledge, such as beauty, mathematics and art.



**10.15 : Break**

**10.30 : Session 2 : Interactive session**

## DO ANIMALS FEEL PAIN AND HAVE A RIGHT NOT TO BE EATEN?

This is an interactive discussion session with a community of inquiry approach. Students will be given short excerpts to stimulate conversation in small groups and then work as a team to reach a set of ideas. Members of the team are encouraged to make quality contributions, but also to help others to contribute. There will be a member of staff facilitating the discussion before a shared plenary. Issues arising will include reflection on what defines altruism, and whether self-survival is the only rational choice.



Students will be numbered at the start of the day and their number will be their group number for this session. When the students return from break they will be asked to sit in their numbered groups, not with their own school, in order to mix the age groups and schools. The group will elect a spokesperson to feed back their conclusions and ideas. 1030 – 10.45 introduction to the task. 10.45 – 11.15 groups on task. 11.15 to 11.45 group feedback. 11.45 – 12.00 final questions. All attendant staff will be appointed to a group and will need to help and encourage the discussion without leading it. Ideally, this is to be operated along Community of Inquiry lines.

**12.00 : Lunch**

**12.45 -13.30 : Session 3 : Lecture**

**SCIENCE: WHAT COMES FIRST, OBSERVATION OR INSPIRATION?**

What even *is* science? Can it tell us *everything*? How is scientific knowledge tested, and what comes first: observation or inspiration? This session will examine the underlying ideas that frame the slipstream in which science swims and inspire students to think how they, the next generation of inventors, will use science. This is a multi-media session exploring the impact of science on our thinking about big ideas. A range of examples will be used, from leading scientific endeavours, to enable students to critically engage with these questions.

NOTE: DR ANDREW PINSENT WILL DELIVER THIS TALK THROUGH TO 7<sup>TH</sup> AUGUST.

**13.30 : Break**

**13.35 – 14.30 : Session 4 : Debate**

**THIS HOUSE BELIEVES THAT IT IS NEVER RIGHT TO KILL A PERSON**

Some hold that there is an absolute prohibition against killing yet killing in war is widely accepted and, in some societies, capital punishment is legal and considered moral. This session will examine the issues, particularly focusing on the question of capital punishment.

Students will experience a live debate and be encouraged to contribute and to vote. This is a vibrant session and gives an opportunity for the development of a quite different set of analytical and evaluative skills. Students are expected to contribute to the debate which will conclude with a vote.

**14.30 : Closing Comments**

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**ADDITIONAL DETAILS**

Students should be in school uniform

Students will be given a number at the start of the day, which will be their number for group sessions.

Timings of the sessions may vary slightly.

**BOOKING INFORMATION**

All bookings are made by the school, not by individual participants. Bookings are taken online at [www.academyconferences.com](http://www.academyconferences.com). Select the tab for 2018 programme (AU&NZ). Fill in the booking form and select the venue of your choice in the drop down menu. Please take care to select the junior programme. You will be given the choice to pay online (recommended) or to be invoiced. Details of the venue are on the site with accompanying maps. Tickets are not issued. Students will need to bring refreshments and drinks for the day. Staff will be provided with morning tea and lunch.

These events cost \$45 per student and there is a free staff place for each group of 12 students. All bookings will attract this fixed fee. Bookings are not confirmed until payment is received.

## STRETCH AND CHALLENGE CONFERENCE DATES

### AUSTRALIA & NEW ZEALAND

SUNSHINE COAST: KAWANA WATERS SC \*

Thursday 19th July (Junior Gifted)

BRISBANE : GENESIS CHRISTIAN COLLEGE \*

Friday 20th July (Junior Gifted)

MELBOURNE : SIENA COLLEGE \*

Tuesday 24<sup>th</sup> July (Junior Gifted 1)

ADELAIDE : CONCORDIA COLLEGE \*

Thursday 26th July (Junior Gifted)

AUCKLAND : ST CUTHBERT'S COLLEGE \*

Thursday 2nd August (Junior Gifted)

WELLINGTON: SCOTS COLLEGE \*

Tuesday Monday 6<sup>th</sup> August (Junior Gifted)

CHRISTCHURCH: ST ANDREW'S COLLEGE \*

Tuesday 7<sup>th</sup> August (Junior Gifted)

NELSON : NAYLAND COLLEGE

Wednesday 8<sup>th</sup> August (Junior Gifted)

SYDNEY : ASCHAM SCHOOL

Tuesday 14th August (Junior Gifted)

MELBOURNE : SIENA COLLEGE

Wednesday 15th August (Junior Gifted 2)

CANBERRA : DARAMALAN COLLEGE

Monday 20th August (Senior Gifted

Tuesday 21st August (Junior  
Gifted)

PERTH: WESLEY COLLEGE

Thursday 23<sup>rd</sup> August (Junior Gifted 1)

INSPIRE AMBITION - JUNIOR STRETCH AND CHALLENGE  
JULY - AUGUST 2018

PERTH: PLC

Friday 24<sup>th</sup> August (Junior Gifted 2)

**\* Dr Andrew Pinsent will be speaking**

Dr Pinsent is an international speaker, in great demand across the globe. He is a polymath with doctorates in both physics and philosophy. There are few better placed to discuss matters of science and philosophy. He is a former **particle physicist at CERN** and a named author on thirty-one papers of the DELPHI experiment. He is a member of the United Kingdom Institute of Physics. Dr Pinsent also has a second doctorate in philosophy and is currently the Research Director of the Ian Ramsey Centre for Science and Religion, a Research Fellow of Harris-Manchester College and a member of the Faculty of Theology and Religion at **Oxford University**.