



# Australian Brain Bee Challenge

Australian Brain Bee Challenge NSW State Finals

## PREPARING FOR THE ROUND 2 INDIVIDUAL AND TEAM CHALLENGE

Questions for Round 2 will be based on the information contained in the 2012 edition of the book *Brain Facts. A Primer on the Brain and Nervous System* by the Society for Neuroscience (SFN). The book can be downloaded free at the following link: <http://www.brainfacts.org/about-neuroscience/brain-facts-book/>

### INDIVIDUAL CHALLENGE

#### Part A – Short answer physiology questions

All students competing in the **Individual Challenge** will sit the test simultaneously under exam conditions. The questions will be presented to the students via a PowerPoint presentation. Students will be provided with an answer sheet on which to write brief answers.

#### Part B – Anatomy Challenge

All students competing in the **Individual Challenge** will sit the test simultaneously under exam conditions. Pictures from the 2012 edition of *Brain Facts* will be used. Students will be required to identify brain structures. Students will be provided with an answer sheet on which to write their answers.

**\*\*\*Top scoring 6-10 students from both Parts A and B combined go on to compete in part C:**

#### Part C – Individual Challenge Finals

1. The competing students will all be asked the same questions and will write the answer on a sheet of paper (10 questions asked). The top three students continue to compete to determine 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place.
2. Top three students are asked 10 Questions (all asked the same question). Competitors will write their answer down and then they will be asked to read out their answer. First, second and third placements are decided after all 10 questions have been answered. If required, tie-breaker rounds will be conducted as follows:

- Where all three students are on the same score a tie-breaker will be conducted between the three students. Questions will be asked only until there is a division whereby one student is in the lead once all have answered the same question. At that point the leading student will be declared the State Champion and a tie-breaker will be conducted for 2<sup>nd</sup> and 3<sup>rd</sup> place (i.e. sudden death playoff).
- Where there is a clear 1<sup>st</sup> place but 2<sup>nd</sup> and 3<sup>rd</sup> place are tied: the student in first place will be declared the State Champion and a tie-breaker will be conducted between the remaining two students. Questions will be asked only until there is a division between 2<sup>nd</sup> and 3<sup>rd</sup> place (i.e. sudden death playoff).
- Where there is a clear 3<sup>rd</sup> place but 1<sup>st</sup> and 2<sup>nd</sup> place are tied: the student in 3<sup>rd</sup> place will be declared the 3<sup>rd</sup> place winner and a tie-breaker will be conducted between the remaining two students. Questions will be asked only until there is a division between State Champion and Runner Up, 1<sup>st</sup> and 2<sup>nd</sup> place (i.e. sudden death playoff).

### TEAM CHALLENGE

The team competition and associated prizes will be at the discretion of the State and Territory organisers.

In NSW, all students in each team will be asked the same question simultaneously. Team members will confer and then write down the answer. The competition will continue until first, second and third place teams are determined.