Registration Procedure

1. The entry fee for each participant in competition is Php650.00 only.

2. FOR THE DEPOSITOR/PARTICIPANTS:
   Please deposit your payment to:
   
   Bank Name: China Bank (Zamboanga City Branch)
   Account Name: MTG Philippines
   Peso Account No.: 182-039961-5

   Depositor should write the participant’s complete name, year level based on the last school year 2011-2012, school name, and kind of contest to be participated (2012 Big Science Competition) on the deposit slip and ENDORSE it to your respective school Science Coordinator.

3. FOR THE SCIENCE COORDINATOR:
   Science Coordinator will collate all the deposit slips and submit together with the Registration Form to the MTG Office:

   Mr. Joe Marie Bandejas • (0917) 711-3654
   Philippine Board of Studies Foundation Inc.
   3/F ZAMEVECO BLDG., 51-53 Pilar Street,
   Zamboanga City 7000

   Note: We will not accept deposit slip and registration form sent thru fax or email

4. Do not assume that once the deposit has been made, your entry will be automatically registered in our databank. We will only process and include your name as an official participant to the 2012 Big Science Competition only when we receive the original deposit slip with complete data of the registration form sent to us.

5. We do not accept any registration filed by individual student. It must be made through the recommendation of the school duly endorsed & signed by the Principal/Science Coordinator.

   MTG REGRETS THAT NO REGISTRATION REFUNDS ARE ALLOWED.

   Registration ends on May 16, 2012
Big Science Competition

The Rio Tinto Big Science Competition allows students to discover their science talent while encouraging critical thinking and problem-solving skills. This international competition is open to students of all abilities in last school years 7-12 (HS 1st - 4th Year and 1st - 2nd year College).

The Big Science Competition has taken a new look for 2012.

Competition questions are written by the Australian Council for Educational Research, Australia’s leading authority in educational research. Questions are matched to the new Australian Science Curriculum and are subject to pre-test trialling to ensure the highest quality. Content is drawn from three interrelated strands:

- **Science inquiry skills**
  - Collecting, measuring and graphing data
  - Explaining patterns, drawing conclusions from observations
  - Formulating questions, predictions and hypotheses

- **Science as a human endeavour**
  - Applying science in an informed, responsible and ethical manner
  - Science and contemporary issues
  - Sustainability and the consequences of human activity

- **Science understanding: the knowledge of science**
  - Energy and force (Physics)
  - Materials (Chemistry)
  - Living things (Biology)
  - Earth and space (Earth Science)

The context is contemporary. The Competition sits within a framework of scientific concepts and processes outlined by the National Curriculum Board (May, 2009) in Shape of the Australian Curriculum: Science -

Contemporary science involves new and emerging science research and issues of current relevance such as energy resources and technology, climate change and adaptation, mining and minerals, biodiversity and ecological sustainability, materials science and engineering, health and prevention and treatment of disease.

2012 Competition Papers

Questions in the Big Science Competition are developed by the Australian Council for Educational Research. They test critical thinking, problem-solving skills, the methods of scientific inquiry and knowledge of science concepts. There are three papers written for the Big Science Competition: Junior (Year 7 and 8), Intermediate (Years 9 and 10) and Senior (Years 11 and 12).

Questions are aligned to the emerging Australian Science Curriculum and are subject to pre-test trialling to ensure the highest quality. Content is drawn from three interrelated strands:

- **Science inquiry skills**
  - Collecting, measuring and graphing data
  - Explaining patterns, drawing conclusions from observations
  - Formulating questions, predictions and hypotheses

- **Science as a human endeavour**
  - Applying science in an informed, responsible and ethical manner
  - Science and contemporary issues
  - Sustainability and the consequences of human activity

- **Science understanding: the knowledge of science**
  - Energy and force (Physics)
  - Materials (Chemistry)
  - Living things (Biology)
  - Earth and space (Earth Science)

About Us

Australian Science Innovations

Australian Science Innovations is an independent not-for profit organization committed to providing high quality science extension programs for students and teachers. Our mission is to inspire, challenge and raise the aspirations of students in science. Australian Science Innovations aims to encourage students to study science and consider careers in science and science related fields.

Australian Science Innovations key programs include Australian Science Olympiad Competition and the Big Science Competition.

Rio Tinto

The Big Science Competition, sponsored by Rio Tinto, is designed to test students’ scientific inquiry and problem solving skills. It is aligned with the Australian Curriculum - Science and open to students of all abilities in Years 7 to 12. Schools from all countries are invited to participate.

Australian Science Innovations programs are supported by the Commonwealth Department of Education, Employment and Workplace Relations, Commonwealth Government Department of Innovation, Industry, Science and Research, Rio Tinto and Monash University.

Rio Tinto