

Study Themes for 2012 Science Olympiad A2

1. Astronomy

- Our Solar System
- The Universe
- Space Exploration

2. Biology

- Cell Biology
- Genetics
- Evolution
- Structure and Function in Living Systems
- Health and Nutrition

3. Chemistry

- Atoms and Molecules
- Elements and Compounds
- The Periodic Table of Elements
- State of Matter
- Chemical Reactions
- Chemistry of Living Systems

4. Earth Science

- Physical Geography
- Rocks, Minerals and Fossils
- Energy in the Earth System
- Meteorology
- The Environment and Ecology

5. Mathematics

- Measurement and Numbers
- Scientific Applications
- Metrics

6. Physics

- Light and Sound
- Electricity and Magnetism
- Thermal Energy
- Force and Motion**