



## Grade 11 Science

### Senior 3 *Current Topics in the Sciences 30S: A Foundation for Implementation 2006*

The potential sustainable development related topics shown are a list of examples found in the document. Teachers may decide to choose a topic from the suggestions listed below, develop a topic based on one of their own strengths or interests, or involve students in brainstorming a current scientific topic of interest that includes a significant treatment of scientific ideas, perspectives, content, and processes.

For additional information on developing an education for sustainable development approach to an inquiry topic the *document [Education for Sustainable Development: Kindergarten to Grade 12 Correlation Chart Template and Kindergarten Tool Kit](#)* will assist teachers in the development of their own ESD activities by incorporating the ESD learning outcomes from the correlation charts or from curriculum documents.

Possible current themes or topics listed are:

- Are We Alone in the Universe?
- Biotechnology: The Good, the Bad, and the Unknown
- What in the World Is Climate Change?
- Cloning: What Can We Do and What Should We Do?
- Forensic Sciences: Crime Scene Investigation
- Where Will the Next Earthquake Occur?
- Energy Today and Tomorrow: Can We Avoid Large-Scale Blackouts?
- Environmental Interactions
- The Evolution of the Human Species: Where Did We Come From? Where Are We Going?
- Global Warming: Fact or Fiction?
- The Human Endeavour in Space
- Medical Technologies: What's New?
- Great Geological Controversies: Expanded Earth or Plate Tectonics?
- The "Snowball Earth": Has the Entire Planet Frozen over in the Past?
- Is the World Doing Enough to Reduce Pollution?
- Recycling: Is It Working?
- Science of Music: Why Do We Like It So Much?
- Sports Science: How Do Science and Technology Aid the Athlete?
- Stem-Cell Research: Ideas and Issues
- Technologies of the Future: What Was Predicted in 1950 and Where Are We Now?
- Transportation in the Future: Getting From A to B
- Water: Will We Ever Run Out?

- Causes and Consequences of Wildfires
- Human Population Cycles: Is There Room for Us All?