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## Course Outlines – Secondary 1

# Science and Technology

Course Code : 555100

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### Competencies

*Solves Problems* 40%  
*Uses her knowledge of science and technology* 40%  
*Communicates by using scientific and technological vocabulary and symbols* 20%

### Course Description

This course uses a hands-on approach to introduce students to an overview of scientific and technological concepts and methods. By solving scientific problems individually or co-operatively, students will develop critical thinking, communication, and laboratory skills.

### Principle Themes

- Lab safety and skills
- The Scientific Method
- The Living World
- The Material World
- The Technological World
- The Design Process

### Evaluation

- Learning and Evaluation Situations
- Evaluation Situations
- Tests
- Assignments
- Homework

### Course Materials

- Escriva, I *et al.* Eureka (Student Textbook A). Montreal: Cheneliere Education, 2008.