

SCIENCE DEPARTMENT

Earth Science – Regents COURSE NO.: 03170 LENGTH: 40 wks.

GRADE LEVEL: 9 Primarily

CREDITS: 1

PREREQUISITES: Successful completion of Science 8.

COURSE DESCRIPTION & OBJECTIVES:

This course is being offered to students primarily in grade 9. Earth Science Regents is a physical science dealing with earth processes and also the earth in space. Some of the topics covered are: earth motions in space, energy, weather, erosion, weathering, deposition, rocks, minerals, and geologic history.

The course offers experiences in planning and carrying out investigative activities. An understanding of the interrelationships of earth spheres – the atmosphere, the lithosphere, and the hydrosphere will be developed.

The students taking this course should be able to pass the Regents examination in Earth Science.

INSTRUCTIONAL PROCESSES & MATERIALS:

The course includes lecture-demonstration periods five times per week. Laboratory work is part of the course requirement. This laboratory work is performed during a regularly scheduled lab period.

Materials used: Textbook and review books, past Regents examinations, appropriate laboratory materials.

COURSE REQUIREMENTS & EVALUATION CRITERIA:

- The grade will be based on tests, quizzes, lab reports and class participation.
- To pass the course, the final average must be 65 or above.
- To receive Regents credit, a student must evidence of at least 1200 minutes of laboratory, pass the Regents test and have a final average of 65% or better.