

Eagle Rock High School Gifted Magnet  
Implementation of Basic Activities

Ms. Nel Graham  
September, 2001

Course: Science 7 & Health

COURSE EMPHASIS:

The major emphases are developing scientific attitudes and skills used in critical thinking, and using general principles to solve problems through laboratory investigation.

COURSE OBJECTIVES:

- Upon completion of these courses, students should be able to:
- See real life situations from a scientific point of view.
  - Use laboratory equipment correctly and purposefully.
  - Use experimental evidence and mathematical relationships to solve quantitative problems.
  - Design and carry out an experiment according to the scientific method.
  - Gain knowledge & understanding of the human body's anatomy & functions.
  - Know the importance of a healthy life-style.
  - Have some understanding of how science relates to their lives.

APPLICATION OF BASIC SKILLS:

Opportunities will be provided for students to demonstrate basic skills in the areas of reading, writing, computation, listening, and use of laboratory tools. Students should develop deductive problem-solving skills. Using writing skills, students will express concepts, make hypotheses, and make generalizations. Interpersonal communication skills will also be developed.

INSTRUCTIONAL ACTIVITIES:

Class periods will include a combination of lectures, demonstrations, class discussion, cooperative group activities, audio-visual presentations, and laboratory experiences. In this way we attempt to address different learning styles and give all students an opportunity to benefit from instruction.

DO NOT tear off!

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I understand & accept the objectives of the science & health class.

Student's name: \_\_\_\_\_ Student's signature: \_\_\_\_\_

Parent's name: \_\_\_\_\_ Parent's signature: \_\_\_\_\_

Today's date: \_\_\_\_\_

