

Wilson C. Riles Course Outline
7th Grade Science
Valerie Rose
valerierose@centerusd.org

Title: Special Day Class General Science

Grade: 7th grade

Course Description

The focus of this course is on Life Science and is based on the California State standards for seventh grade students. The SDC General Science program provides instruction to meet the unique needs of students through individualized curriculum and pacing.

Units of Instruction:

The following units of instruction will be supplemented with activities and lessons from the Regular Education Science program/curriculum

- Beginning of year review- What is Science and the Process of Discovery
Ch. 1, 2
- Earth and Life History-
Ch. 21 Planet Earth, Ch. 22 Earth's Crust, Rocks and Minerals, Ch. 26
Earth's History, Identifying Fossils from Rock Layers
- Evolution and Classification- Ch. 5 Classifying organisms, Ch. 6 From
Simple to Complex Organisms, Ch. 9 Evolution, Time and Change
- Plants- Ch. 7 Plant Kingdom
- Cells and Life- Ch. 4 Basic Units of Life, Making Models of Cells
- Genetics- Ch.8 Building Blocks of Heredity, Dominant and Recessive
Traits
- Eyes, Light, Ears, and Sound- Ch.10 The Human Body, From Cells to
Systems, Ch. 11 Getting Energy into and Around the Body
- Bones, Muscles, and Simple Machines- Ch. 10 Your Body at Work, Ch. 17
Machines at Work, Simple and Compound Machines

Evaluation

40% Classwork

30% Test

15% Labs

15% Homework

Instructional Strategies

Lecture/Note-taking
Observation/Demonstration
Written Assignments
Labs
Partner/Group Projects
Audio/visual aids
Games

Material and Resources

Textbooks: General Science, Pacemaker 3rd Edition
Health, Pacemaker
Focus on Physical Science, Calif. Edition
Focus on Life Science, Calif. Edition
Workbook: General Science, Pacemaker
Health, Pacemaker
Reading and Note Taking Guide, Physical/Life Science