

ST. LUKE'S LUTHERAN SCHOOL

Course Name: 5th Grade General Science

Instructor's Name: Nancy Knewstep

About the Teacher: I received my B.S. from Virginia Polytechnic Institute and State University and have taken a number of continuing education classes during the ensuing years. My previous teaching experiences include Headstart in Fairbanks, Alaska, and teaching the gifted elementary program at Orange Elementary, as well as day care work and working with special education. This will be my 23rd year with St. Luke's. My daughter Lindsey is a graduate of St. Luke's and is attending Jefferson College of Health Sciences in Roanoke, VA.

Contact Information: Planning at school: 2:00-2:30p.m.

= School: 825-8890, ext. 54

Email: nknewstep@stlukeslutheranschool.com

Home: 6-9 p.m.

Course Text: Scott, Foresman *Science* 2003

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Other Materials Used:

1. General lab equipment
2. Microscopes
3. Rocks and minerals for identification
4. Videos to support the curriculum

Units to be Covered:

1. Life science—comparing living things, types of cells, classification, animal and plant classification
2. Physical science—matter—elements, compounds, mixtures, solutions
energy—forms, kinetic and potential, sound and light
3. Earth science—earth structure and changes
4. Health—respiration, excretion, healthy living

Methods of Delivery: Labs, discussion, notes, cooperative learning

Planned Field Trips: None for this course

Learning Goals:

1. Utilizes safety procedures in a laboratory environment
2. Knows about and understands living things
3. Knows about and understands the classification of matter
4. Knows and understands forms of energy
5. Knows and understands Earth's structure and Earth's changes
6. Knows and understands respiration and excretion
7. Knows and understands a healthy lifestyle

Assignments, Evaluation and Grading Policy:

1. Grades come from a variety of sources-recall, comprehension questions, notes, quizzes, chapter tests, lab application—and they are all counted equally.
2. If a homework assignment is not done or is incomplete, the student will attend afternoon study hall according to school policy. If a graded assignment is late, points may be taken off to reflect this.

Grading Scale: School Policy

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