

## ST. LUKE'S LUTHERAN SCHOOL

**Course Name:** Life 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: 2:00-2:30 p.m.

School: 825-8890, ext. 54

Email: [nknewstep@stlukeslutherschool.com](mailto:nknewstep@stlukeslutherschool.com)

Home: 6-9 p.m.

**Course Text:** Glencoe *Life Science 2002*

Formatted: Font: Italic

### Other Materials Used:

1. General lab equipment for measurement
2. Microscopes and slides
3. Stereoscopic microscope
4. Videos to support the curriculum

### Units to be Covered:

1. Life—cell, cell processes, cell reproduction
2. Heredity—genetics, evidence for evolution, classification,
3. Simple organisms—virus, monera, protist and fungi
4. Plants—seedless and seed plants and their processes

**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. Understands the role of life science in the natural world
3. Knows about and understands the cell and its parts
4. Knows and understands the cells processes
5. Knows and understands cell reproduction
6. Knows and understands genetics
7. Knows and understands evidence for evolution
8. Knows and understands taxonomy
9. Knows and understands viruses
10. Knows and understands monera
11. Knows and understands protists
12. Knows and understands fungi

13. Knows and understands seedless plants and their processes
14. Knows and understands seed plants and their processes

**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

This document was created with Win2PDF available at <http://www.win2pdf.com>.  
The unregistered version of Win2PDF is for evaluation or non-commercial use only.  
This page will not be added after purchasing Win2PDF.