

Biology

Washington Technology Magnet
School Phone: 651-293-8830

Course Description:

Biology is a year-long laboratory course that studies cells, genetics, evolution, ecology, cycling of matter, flow of energy, organ systems, and the history and nature of science. Students investigate various problems and study current issues through laboratory activities, scientific inquiry projects and independent work. Students will prepare lab reports, study the textbook, and complete assignments on a regular basis. This course prepares students to be scientifically literate as well as prepare them for future biology and science classes.

Ecology/Nature of Science	3 weeks
Macromolecules: Chemistry of Life	4 weeks
Cells	8 weeks
Genetics/DNA	9 weeks
Evolution	6 weeks
Ecology Part 2	3 weeks
Disease and Human Body	3 weeks

A. Grades

You will be graded on the following:

- **Formative Assessments** (20%) These are assignments that must be completed in order to be successful in the class. They are designed to help you succeed on the summative assignments. *No late formative assessments are graded for credit, but the assignment still must be completed and included in the notebook.*

-**Summative Assessments** (80%) These assignments (projects, tests, formal labs) demonstrate knowledge of content and require higher level thinking skills. **These assignments can be redone for a higher grade. If you have a "0" or "missing" on any summative assessment you will fail the class. Make sure you make these up within 2 weeks of the due date. These assignments can be redone for a higher grade.**

Standards Based Grades:

4: exceeds proficiency 3: proficient 2: close to proficiency 1: beginning 0: no score given

B. Interactive Spiral Notebook

You will be required to have a notebook that will be used for this class only. It follows the same format of all science notebooks at Washington. The notebooks will graded as a summative assignment.

WASHINGTON WAY: BE READY TO LEARN and BE RESPECTFUL OF STUDENTS, STAFF AND EQUIPMENT

C. Textbooks

We will use the following resources throughout the semester:

1. Text: Biology: Classroom set
2. Interactive Reader: Individual copies (replacement cost - \$5.00)

D. Instructor Contact Information

Your absences are your responsibility. Please contact us when you are absent.

E-mail is the best way to contact us.

E. Website: All notes and major assignment dates are listed on the Washington Website Biology Page.

F. Instructors:

christopher.north@spps.org
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