NNHS Principles of Biology and Chemistry Syllabus

Instructional Coordinator: Andy McWhirter amcwhirter@naperville203.org 630.420.6513

Teacher Information
Michael Curley – mcurley@naperville203.org
Anthony Pellegrini – apellegrini@naperville203.org

Mission
To educate students to be self-directed learners, collaborative workers, complex thinkers, quality producers, and community contributors

Principles of Biology and Chemistry is an inquiry based course that demonstrates the interconnections of Biology and Chemistry. Major focuses will center on interactive laboratory experiences with an emphasis on proper laboratory techniques, science process skills, and problem solving. Principles of Biology and Chemistry will prepare students for further coursework in biology, chemistry, physics, and earth science.

-Department placement is required for this course.

Possible digital enrichment: Life/Planet Earth Series, The Lorax, Lorenzo’s Oil, The Croods, Ice Age, Earth, Frozen Planet, and Life After People.

1st semester
Scientific Thinking and Tools
Properties & States of Matter
Atomic Theory
Periodic Trends

2nd semester
Characteristics of Life and Biological Materials
Cells & Genetics
DNA & Heredity
Organisms and Ecology

Grading:
Your course grade will reflect what you have learned, not what you have completed!

This grade overview is subject to change based on the back to school plan.
85% Course grade
15% Final Exam

The final semester grade will be rounded to the nearest percentage point.

Within each unit, summative and formative sections are weighted as follows:

90% Summative (tests, quizzes, projects)
10% Formative (Daily Work, Labs and Homework Quizzes)
To ensure that each student's progress towards mastery is as much a direct reflection of his or hers ability in the class the following apply:

- No extra credit will be issued.
- Formative assignments will be accepted up to the end of each unit.
- A “m” in the gradebook on a summative assessment will only indicate that no attempt was made by the student, but will be calculated as a zero.
- Formative work submitted after the due date cannot be penalized more than a total of 10%.
- Summative work submitted after the due date cannot be penalized more than a total of 10% and must be submitted prior to the end of the next unit.
- Posted grades represent the grade that a student would receive if they transferred out of a class today.

A= 90-100  B= 80-89  C= 70-79  D=60-69  F= <59

These assignments must be completed on time but will be accepted up until the end of the following unit.

These assignments will be accepted for full credit up to the time that the answers have been shared with the class. Assignments turned in after that point should be completed with corrected answers, and work shown if applicable, for a maximum credit of 90%.

Retake Policy (retakes are only on summative tests):

1. The purpose of reassessment is to allow students to demonstrate mastery of course standards in which they remain deficient.
   - There will only be 1 retake attempt per summative assessment per student
2. Students will be required to engage in further learning and reassessment when students do not demonstrate sufficient learning of the course essential standards.
3. Students who have demonstrated sufficient learning of the essential standards, but scored below percentage 80%, will be allowed reassessment opportunities on summative assessments if they so choose. To be eligible for reassessment, students must
   - Demonstrate readiness for the summative assessment through completion of formative work.
   - Complete designated learning experiences as assigned by the teacher
4. Reassessments MUST be completed during the next unit of study.
   - The retake times and locations are left up to the individual teacher.
5. Project-based assessments that include multiple opportunities for feedback and improvement in the assessment process will represent multiple attempts and be considered a re-assessment
6. Higher reassessment grades will replace the original assessment score but will not exceed the 90%.
   - The higher of the two scores will be entered in Infinite Campus.

Violations of academic integrity policy will be consequenced by administration in collaboration with the IC/teacher.

- Level 1 infraction will follow our reassessment policy, students will earn no more than – 80%; Level 2 infraction – 50%; Level 3 infraction – 0%

Teachers make every effort to respond to emails and phone calls within 48 hours during the workweek.

- The best way to communicate with teachers is through email; however, if you haven’t received a response in 48 hours, please resend the email or call their voicemail. Your email may have gone into the spam folder.

We need your help!

- Parents should actively check Infinite Campus for their student’s grade.
  - The grades on Infinite Campus will be accurate only at monthly progress reports. Prior to those dates, the grade reflected is fluid.
  - Infinite Campus is a communication tool until final grade is posted.
- Please ask your student about their school work and check Canvas for daily agendas/work.
- Check with your individual teacher for classroom procedures, schedules, and daily class news.