Mission

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

Course Description

This course is a study of fundamental biology concepts based on the Next Generation Science Standards. Students will evaluate evidence from experiments and technology used by scientists to understand the nature of the biology. Concepts and skills are reinforced by a strong emphasis on hands-on laboratory experiences and the integration of other branches of science. Constructivist methods of teaching are employed to ensure the best possible comprehension and retention of science concepts. Prerequisite: Chemistry or Principles of Biology and Chemistry

Course Topics

<table>
<thead>
<tr>
<th>Semester One</th>
<th>Semester Two</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit 1: Scientific Method and Homeostasis</td>
<td>Unit 6: Macromolecules</td>
</tr>
<tr>
<td>Unit 2: Evidence for Evolution</td>
<td>Unit 7: Energy and Matter in Organisms</td>
</tr>
<tr>
<td>Unit 3: Mechanisms of Evolution</td>
<td>Unit 8: DNA, DNA Replication, and Protein Synthesis</td>
</tr>
<tr>
<td>Unit 4: Ecology</td>
<td>Unit 9: Cell Cycle and Mitosis</td>
</tr>
<tr>
<td>Unit 5: Human Impact</td>
<td>Unit 10: Meiosis and Chromosome Mutations</td>
</tr>
<tr>
<td></td>
<td>Unit 11: Genetics</td>
</tr>
</tbody>
</table>

Grading Calculation

At Naperville North we define formative work and summative assessments as follows:

Formative work is used to monitor student’s learning to provide ongoing feedback that can be used by students to improve their learning. Examples may include: practice activities, homework, quizzes, etc.

Summative assessments are used to evaluate student learning at the end of an instructional unit or segment of learning by comparing it against a standard or benchmark.

Grades communicate each student’s progress toward mastery of goals/standards for the course. Grades should not be reduced or inflated due to student behaviors outside of the standards.
No extra credit will be issued.

Formative assignments will be accepted up to the end of each unit.

A zero on a summative assessment will only indicate that no attempt was made by the student.

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

Formative work submitted after the due date cannot be penalized more than a total of 10%.

Summative assessments completed 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.

Any percentage lower than 50% will be put into the grade book as a 50%, the lowest possible grade on completed work (incomplete or work not turned in will receive a grade of 0 in the grade book)

Your course grade will reflect what you have learned, not what you have completed.

**95% Coursework**

Formative
  10% Daily work (Homework, whiteboard presentations, Canvas practice quizzes, lab completion)

Summative
  90% Quizzes, tests, large projects

**5% Final Exam**

**Grading Disbursement**

A : 90-100 %

B : 80-89 %

C : 70-79 %

D : 60-69 %

F : below 60%

**Reassessment Policy**

Students will be provided multiple and varied opportunities to demonstrate mastery of learning standards.

The purpose of reassessment is to allow students to demonstrate mastery of course standards in which they remain deficient.
Students will be required to engage in further learning and reassessment when students do not demonstrate sufficient learning of the course essential standards.

Students who have demonstrated sufficient learning of the essential standards (but scored below 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.
- Reassessments MUST be completed during the next unit of study.

Project-based assessments that include multiple opportunities for feedback and improvement in the assessment process will represent multiple attempts and be considered a reassessment.

Higher reassessment grades will replace the original assessment score (but will not exceed 80%).

**Academic Integrity**

Academic Integrity Students will be expected to submit only original work and follow the academic integrity policy described in the NNHS student handbook.

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

**Communication**

As a high school student, it is strongly encouraged that you communicate directly with your teacher regarding questions. Meet with your teacher after class and arrange an appointment to meet or send an email to set an appointment.

Teachers make every effort to respond to emails and phone calls within 24 hours during the work week.

The best way to communicate with teachers is through email; however, if you haven’t received a response within 48 hours, please resend the email or call their voicemail. Your email may have been filtered.

**What to do if a student needs help**

- Make an appointment with your teacher.
- Peer tutors available before school and during lunch periods in the Lit Center.
- After School Tutoring will be available for students two days a week after school in the Learning Commons.
Parents and Guardians – we need your help please!

Naperville North believes in a collective partnership with parents/guardians which provides students the best opportunities for academic success.

Some ways parents/guardians can support their student’s learning are:

- Actively check Infinite Campus for their student’s grade.
  - Infinite Campus is a tool to progress monitor student work until final course grade is posted.
  - Monthly progress grades are posted and represent the current grade of a student in the course at that moment in time.
- Discuss missing assignments, reiterate due dates, help organize folders, materials, assignment notebooks and review upcoming projects and assessments.

Digital Viewing Options


Science Department Contact Information

- Mr. McWhirter – Department Chair
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