



Course Syllabus and Classroom Procedures
New Bridge Middle School
NBMS STEM Lab
Mrs. Sheila Lewis

Course Description:

TY00 Engineering: Exploring Technology, TY02 Engineering: Invention and Innovation, and TY04 Engineering: Technological Systems are exciting opportunities for students to develop STEM related skills. Although the emphasis of these classes is “hands-on,” students are required to report their learning targets. An important part of the learning process involves the integration of reading, writing, and math skills developed from those areas of study. These classes have been designed to offer students an exploration of the many new technologies that affect our daily lives. Topics have been developed to allow students to interact technology in many ways.

COVID Disclaimer:

Due to the nature of a changing classroom climate, it may be necessary to modify the syllabus to meet the need of the alternative learning setting. This could include expectations, policies, or grading. If abrupt changes are made a new syllabus will be posted in the various digital platforms.

General Rules:

1. Safety First!
2. Respect Mrs. Lewis and your classmates.
3. Don't speak out of turn.
4. Always follow directions.
5. Follow all NBMS and OCS policies.
6. Focus on the details and learn from mistakes.

Lab Safety:

All students will receive training in proper lab safety and tool use followed by a safety quiz. Students are required to make a 70% or better on this quiz to begin lab projects or use tools. Students who are not able to pass the lab safety quiz will be given the opportunity to retake the quiz to participate, but their original grade will remain in PowerSchool. This is the only quiz that has the option for any sort of retake. Refer to the section “Test or Quiz Retakes” for the general policy.

Earned consequences:

To ensure the safety of all students, misbehavior in the STEM Lab is not acceptable. Not following the guidelines in the Lab Safety Agreement can result in a warning, punch, or removal from the lab temporarily (Chill Out) or permanently. Serious infractions or extreme disrespect of Mrs. Lewis can result in immediate placement in Chill Out and referral to administration.

Late Work:

Due dates will be posted in advance. Due to the rotations needed in the classroom, every effort must be made to complete lab work projects on time.

Work Missed Due to an Absence:

Due to the hands-on nature of the STEM Lab, it is important to be in class. However, occasional absences are unavoidable. It is the student's responsibility to make-up assignments. 1-2 day absences will be easy to catch up as long as the student is able to view Teams. Absences that extend longer may need extra lab time, or in some cases, alternate assignments. If the student is not present for a quiz or test they must schedule arrangements for a make-up. Any work assigned on the student's last present day will be due the date they return from an absence unless covered by doctor or parental excuse.

Test or Quiz Retakes:

In accordance with the school policy test retakes are not allowed. However, checkpoint quizzes are open note. Students will be provided with a test guide on the 1st day of the module. I strongly encourage all students to fill in the answers as they work through the module and use them while taking the test.

Progress Reports and Parent Portal:

Progress reports will be given every three weeks but should be viewed in the PowerSchool Parent Portal. Parents can request paper copies of report by contacting the front office.

Grade Reporting:

All teachers utilize PowerSchool to record daily attendance and to record students' grades for assignments in a timely manner.

General guidelines for recording grades are as follows:

- Daily homework, class-work and short quizzes (less than 20 questions for example) should be posted in the Powerschool grade book within 5 school days.
- Tests and longer quizzes should be posted in the PowerSchool grade book within 7 school days.
- Projects and tests or assignments including essay/ research responses should be posted in the PowerSchool grade book within 10 school days.

Entry of grades and daily attendance may be delayed if a substitute teacher is necessary

Grading Scale:

The grading scale as applied to points earned by the end of a grading period is as follows:

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

Weighted Grades and Examples:

30%- Summative Assessment

- Short Quizzes
- Tests
- Sometimes Special Presentations (Will Be Announced When Assigned Under This Category)

40%- Projects/Presentations

- Design Briefs
- Logbook/Design Work
- Some Physical Display of Work Requiring Higher Skill
- Final Design or Project Evaluations

30%- Classwork/Homework

- Assignments Generated Inside Class
- In Class Worksheets
- In Class Participation
- Review Games
- Physical Completion of Work
- Writing Assignments
 - Narrative Writing
 - Argumentative Writing
 - Other Writing Assignments

The Assignment examples are not the only types and there may be others that Mrs. Lewis will assign and categorizes using her own judgment.

A 40% is the lowest overall mark given for the grading period.

Extra Help or Additional Time:

Students that need extra help or time extending beyond class time should schedule extra sessions with Mrs. Lewis for afterschool or during IE.

Parent/Teacher Conferences:

I am always happy to discuss your child's progress. Conference days are Wednesday after lunch. Please contact the front office at 910.346.5144 to schedule a conference.

Contact Information:

You may contact Mrs. Lewis by email at sheila.bondslewis@onslow.k12.nc.us, phone at 910.346.5144, and parents are encouraged to use the school website to access classroom resources.

In Lieu Of Remind:

I will not be using remind this year. Instead, I encourage you to reference the CTE section of the weekly NBMS Newsletter for classroom information. It is sent as a text or email weekly. If you are not receiving this message, please contact the office to sign up or you can visit the school website to view the weekly newsletter.