

Biochemistry
Instructor: Kristin Beighle
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School phone: (606) 674-6325

Welcome to Biochemistry! This class is the second of your three (required) science courses at BCHS. Throughout this school year, you will learn basic chemistry concepts and how they relate to the structure and function of molecules important to living organisms. You will also become more familiar with various equipment used in a lab setting (including the correct names, proper techniques for its use, etc.) This class has been designed to align with the Next Generation Science Standards as mandated by the Kentucky Department of Education. Concepts and scientific skills are developed logically and reinforced through frequent hands-on laboratory experiences and cooperative learning activities.

Class Materials

Students **MUST** bring pencil/pen and paper to class each day. Students will need to keep all class materials organized in a notebook, folder or composition book. Students should bring this notebook/folder with them each day because they will be allowed to use them on bell work, homework and some class assessments (tests/quizzes, etc). Students will also keep class handouts in this notebook/folder so all of their notes will be together.

Class Requirements

Bellwork - Assigned at the beginning of class daily to help students review previously covered material and focus on the material covered the current day.

Homework - Students will be assigned homework periodically. Homework will help provide reinforcement to ensure success in this class.

Classwork - This may include article readings, reinforcement activities, lab participation and analysis, etc.

Quizzes - These will help assess student learning throughout the unit and help to break up the content into student-friendly allotments.

- The above assignments are all types of **formative assessment**, which means that your performance on these helps us to see how well you understand the topic. **Formative assessments MUST be completed before the summative exam can be taken. Formative assessments may be retaken ONE TIME to help ensure a student reaches proficiency of a topic. Formative assessments will count for 20% of your overall class grade.**

Exams - These will be given at the end of each unit and will include various types of assessment.

- Exams and some projects will be **summative** in nature and they show how well you have mastered the concepts. **Summative assessments given throughout the trimester will count for 60% of your overall class grade. The final exam will count for 10% of the class grade, on its own.**
 - All summative exams/projects given throughout this school year will be cumulative in order to help you prepare for the final! This means that part of each test/project will be based upon material that was learned BEFORE the current unit!
 - Summative assessments may be retaken ONE TIME, but it must be done within 10 days of getting the initial exam back!

Grading Policy

This class will adhere to the policy outlined on pages 30-32 of the Student/Parent Handbook.

However, please notice the following:

- 10% of a student's grade will be based upon participation and effort → this means that you **MUST** be focused, engaged, and working throughout the entire class period!
- You will be allowed **ONE** retake on each formative and summative assessment and you will still have to complete practice before the retake **BUT you will have no more than 10 school days to retake an assessment and the highest score you can earn on a retake is 85%!**

Classroom Rules

1. **RESPECT!** You will be expected to be respectful of yourself, teacher, peers, school property, etc. Disrespectful behaviors will not be tolerated!
2. **Be READY!** You will need to have necessary supplies each day, **be in your seat working on the bellwork when the bell rings**, and be ready to learn! If you are not in your seat **AND** working when the bell rings, you will be assigned a break detention.
3. **No cell phones!** Cell phones, earbuds, and other electronic devices are not allowed out/visible during the class period, unless you are given instructions **BY YOUR TEACHER** to use them for an activity.
4. **It is the responsibility of the student to make up work due to absences in class!** The student will have 5 full days from the date of absence to make up any work. (School Policy)
 - a. Make-up work can be found on Mrs. Beighle's webpage and in the daily folders on the bookcase in the front of the room.
5. **NO FOOD** or drinks are allowed in the classroom, with the exception of water (plain, unflavored) in a clear, plastic container.

Consequences

- 1st offense = Warning
- 2nd offense = Break detention
- 3rd offense = 2 additional break detentions
- 4th offense = Office referral

***Severe infractions may result in immediate office referral. Any disrespectful talk/behavior directed at the teacher will result in the next tier consequence.**

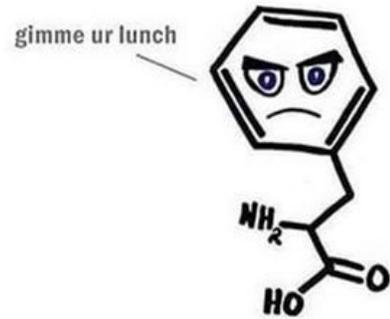
Classroom Procedures

1. Students are expected to be in their assigned seat, with the necessary materials out on desk, and quietly working on bellwork when the bell rings. Students will be counted tardy if they are not already in their seat.
2. No call-outs will be permitted in this class. Students must raise their hands and wait to be recognized before answering a question. This is to allow all students to have time to think without being interrupted.
3. Backpacks and belongings should be placed under your table so that we can move around the room with little risk to people and belongings.
4. Each student will be allowed 3 restroom passes per semester, unless there is a medical excuse stating otherwise.
5. Students **MAY NOT** put their things away until instructed by Mrs. Beighle. When the bell rings at the end of the period, students must clear their table, stand, push their chairs in, and wait to be dismissed by the teacher.

BIOCHEMISTRY DEPARTMENT



WHAT DO YOU CALL AN ACID WITH AN ATTITUDE?



A-mean-oh acid.

Dear Students and Parents,

Welcome to biochemistry! My name is Kristin Beighle and I am extremely excited for this school year! I have been a teacher for 15 years and have taught all manner of science classes, from earth/space science to chemistry and physics to AP biology and forensics, and I taught in Mason and Rowan counties before coming to Bath.

I am looking forward to this year being a productive, engaging, and successful school year for all of us. To ensure this, I would like for you to review my class syllabus which can be found on my teacher webpage for future reference. If you ever have questions or concerns as we go throughout this school year, please feel free to email me at kristin.beighle@bath.kyschools.us or call me at school during my planning period (12:30 - 1:15 each day). Please sign and date below and return that portion to me so that I am aware that we are all informed and in agreement regarding the rules and policies listed.

Thank you so much for your support!
Mrs. Kristin Beighle

I have read the syllabus posted on Mrs. Beighle's webpage. I am aware of the expectations for this school year and the possible consequences that could occur if these expectations are not followed.

_____ Student Signature _____ Date

_____ Parent Signature _____ Date

Parent email address/contact information (if you'd like to provide it)

