Ms. Catherine Janssen
Room: 608
Phone: (704) 788-4500
Ext. 1608
Email: catherine.janssen@cabarrus.k12.nc.us
Website: See school website

Required Materials:
• 1 Three Ring Binder (1–3 inches)
• 10 binder dividers/tabs
• Lined Paper
• Pens
• No. #2 Pencils

Suggested Materials:
• Colored Pencils
• Glue Stick
• Scissors
• Calculator

Course Description
The Biology curriculum is designed to continue student investigations of the biological sciences begun in grades K-8. High school inquiry is expanded to include more abstract concepts such as the function of DNA, biological evolution, and the interdependence of organisms. The curriculum includes inquiry into the following content areas:
• The cell
• Molecular basis of heredity
• Biological evolution
• Interdependence of organisms
• Matter, energy, and organization in living systems
• Behavior of organisms

Tentative Pacing

<table>
<thead>
<tr>
<th>Unit</th>
<th>Textbook Correlation</th>
<th>Time (approximate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Introduction To Biology</td>
<td>Ch. 1</td>
<td>6 days</td>
</tr>
<tr>
<td>2-Ecology</td>
<td>Ch. 2-5</td>
<td>10 days</td>
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<tr>
<td>3-Cell Biology</td>
<td>Ch. 6, 7, 8.1, 9</td>
<td>17 days</td>
</tr>
<tr>
<td>4-Genetics</td>
<td>Ch. 8.2-8.3, 10-13</td>
<td>17 days</td>
</tr>
<tr>
<td>5-Evolution</td>
<td>Ch. 14-16</td>
<td>8 days</td>
</tr>
<tr>
<td>6-Plants &amp; Diversity</td>
<td>Ch. 21-24; 17; 18-20</td>
<td>10 days</td>
</tr>
<tr>
<td>7-Human Biology &amp; The Animal Kingdom</td>
<td>Ch. 34-39; 25-29; 30-33</td>
<td>9 days</td>
</tr>
<tr>
<td>EOC Review</td>
<td>All</td>
<td>7 days</td>
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</tbody>
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Nine Weeks Grade
• Tests & Major Assessments (may include projects & presentations) 50%
• Quizzes, Binder Grades, etc. ___%
• Assignments: Classwork, Labs, etc. ___%

Overall Grade
Quarter 1 37.5%
Quarter 2 37.5%
EOC 25%
**Unit Guides:**
Students will be given a guide at the beginning of each unit. Assignments, projects, quizzes, and tests will be outlined on a tentative schedule. Unit guides should assist students in completing assignments and preparing for assessments. *Use them daily!!!*

**Tests and Major Assessments:**
Major Assessments will be given periodically to assess student progress. All tests will be announced. Major Assessments may include practical (hands-on) exams, major lab reports, or projects/papers. *Seven unit tests and two benchmark tests will be given throughout the semester. All tests are cumulative.*

**Classwork/Homework:**
Most work is assigned at the beginning of the unit and listed on the Stampsheet. Class assignments can/will be collected & “stamped” almost daily. In order to complete all assignments on the Stampsheet, students will sometimes *need to finish assignments at home.* Biology involves a lot of memorization. Students are expected and encouraged to *study daily.*

*To access online homework:* Go to the school website and click the link for Academics, then click the link for the Science Department. Click the link for Catherine Janssen & then finally click the link for your class period.

**Mini-Assessments and Quizzes:**
Students are given multiple written assessments (quizzes) on each unit, and on topics within each unit as needed. Quizzes will be numerous and typically include previous homework questions.

**Binders:**
*Binders and current unit work should be brought to class daily!* Students are required to keep organized notes & papers at all times. Binders will be graded by their organization, neatness, & content. The binder will be randomly taken up every month for a grade.

**Labs and Class Work:**
- **Contribution/Participation:** Student participation may be assessed using observational checklists and disciplinary consequences. If the student is causing enough of a disruption to receive consequences, they are not participating as expected.
- **Warm-Up / Review Questions:** Students are expected to complete the warm-up activity and answer the review question for each day. Students should keep these in their binder. Warm-ups may also be periodically collected and graded.
- **Summary Activities / Ticket Out The Door:** Responses to summary activities should be kept on your “Ticket Out The Door” sheet. Please turn these sheets in on your way out the door each day. Any T.O.D’s turned in before the bell will not receive credit.
- **Lab Reports and Written Class Work:** All students are required to keep all assignments in numbered order and be clearly titled in their binder. These assignments will often be handed in, graded, and handed back for the students to keep until the end of the unit. Because students will be receiving graded work so frequently, late work will not be accepted.

*All questions should always be answered in complete sentences and all work must be shown for math related questions.*

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**Binder Organization**
We will work together to set up your Biology binder. You should purchase or make 10 tabs/dividers for your binder

1. Warm-Ups
2. Current Unit Work
3. Intro to Biology
4. Ecology
5. Cell Biology
6. Genetics
7. Evolution
8. Plants & Diversity
9. Human Biology & Animal Kingdom
10. EOC Review

Don’t forget to see Binder Organization Paper!
Make-Up Procedure: ATTENDANCE IS IMPORTANT!!!

It is your responsibility to make up any missed work. Students may only ask the teacher about the day missed before school, after school, during lunch, or during individual work time.

YOU MAY NOT ADDRESS IT AT THE START OF CLASS!!!

If you are absent follow these 5 easy steps:
1. Check your Unit Guide. All notes, labs/activities, class-work, homework, and tests are outlined on each Unit Guide. You should always know exactly what you missed.
2. Check the Class Notebook (“Sick Bunny Binder”)– to find out exactly what you missed.
3. Get any missed Notes or Handouts! Any papers distributed while you were out will be available from the Daily Folders.
4. Check for updated announcements and due dates. These are posted on the board and the class website
5. Schedule a time to make up any quizzes or tests as soon as you return to school. I normally post days that I am available after school at the beginning of each week.

*** Remember: You have 1 week from the time of your absence to make up any missed work and one week to make up a missed quiz or test. You must indicate that you were absent on any late work that you are handing in)

Expectations & Procedures

Classroom Procedures

♦ Enter quietly, sharpen pencil, put extra materials under your desk. You must be seated, silent, and working when the door closes.
♦ Read the board and copy any pertinent information.
♦ Respond (in writing) to the warm-up activity and review question.
♦ Follow directions and participate in class for ALL 90 MINUTES!
♦ Before leaving, clean up your area, and push in your chair.
♦ Cannot use bathroom in 1st or last ten minutes of class, or during notes. Student must use their paper bathroom pass.

Lab Procedures:

♦ Transition quietly to your assigned lab station.
♦ Follow all lab safety rules and actively participate.
♦ Clean up your assigned area, returning all equipment to its original location.
♦ Transition quietly back to your assigned seat.

Classroom Rules:

1. Follow all school-wide rules.
2. Come to class on time and ready to learn.
3. Respect all people, their property and school property.
4. Talk only after being recognized by the teacher or while following the teacher’s directions for activities that involve conversation.
5. Sit in your assigned seat and move around the classroom only with the teacher’s permission.
6. Do not use personal technology of any kind in the classroom and only use school technology if given specific permission by teacher.

Consequences:

1. Warning
2. After School Detention
3. Administrative Disciplinary Referral

* Parent contact can happen any time!!!
*Some inappropriate behavior can result in a Detention or a Referral without a Warning.
*Students preventing students from learning/teacher from teaching will be removed from the classroom immediately.
How to Be Successful in Biology!

1. **DO YOUR CLASS WORK!!!!**
2. **Read your notes daily.** – Read your notes when you get home. It will help you remember what we just covered.
3. **DO NOT MISS CLASS** If you are absent you will miss a great deal of information that you are still responsible for.
4. Be **RESPONSIBLE!** Follow the Make-Up Procedure if you must be absent.
5. **STUDY, STUDY, STUDY** – all quizzes & tests are announced! You will always know exactly what you are responsible for ahead of time.
6. **Do your warm-up & summary questions every day.**
7. **Come to class, READY to learn.** Bring your Binder and Current Unit Assignments EVERYDAY!
8. **Take Good Notes - BOLD UNDERLINED WORDS** MEAN YOU NEED TO KNOW THEM!
9. **Ask questions / ask for help.** I am available for scheduled tutoring after school on Wednesdays, but it’s also a good idea to ask questions for help during class while you are working on assignments.
10. **Complete all labs & activities on each stamp sheet.** Check your Unit Guide/calendar daily! USE YOUR UNIT GUIDE!
11. **Complete all homework & projects.** Don’t wait until the last day.
12. **Sign up for Remind messages and utilize CANVAS.**
13. **REMEMBER** – **YOU ARE RESPONSIBLE FOR YOUR OWN LEARNING!** No Teacher can assume that responsibility.

_Tutoring!!!_

After-school tutoring is available on Wednesdays. Please do not hesitate to see me if you are having any difficulties with your work. I am here to help you succeed!!

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**Helpful Websites & Resources**

**CANVAS:** [http://www.cabarrus.k12.nc.us/Domain/42](http://www.cabarrus.k12.nc.us/Domain/42)
Use the QR code or url on the right or go to school website, then click on the red icon for CANVAS.

**Class Website:** [http://www.cabarrus.k12.nc.us//Domain/4138](http://www.cabarrus.k12.nc.us//Domain/4138)
Use the QR code or url on the right or go to school website, under the Academics tab, click on Faculty Directory, then click on Catherine Janssen

**Remind** - To receive reminders about due dates or important class updates, text @608hbio to the number 81010. You can always opt-out of these messages.

Username: bdol04  Password: Zafaqase5u

*The online textbook is typically an unreliable site. Do not depend on it for last minute assignments!*