**Buford High School**

Course Syllabus

 **Course Title: Biology and Honors Biology** **Term:** Fall 2017 - Spring 2018

 Teacher (room #): Karp (453) / May (452) / Rhymer (451) / Head (443) / Bennett (445)

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| Email Address**Teacher Web Page** | sheldon.karp@bufordcityschools.org michael.may@bufordcityschools.orgashley.rhymer@bufordcityschools.orgvalerie.head@bufordcityschools.orgpaula.bennett@bufordcityschools.org | http://[bufordhsbiology.weebly.com](http://bufordhsbiology.weebly.com/)  |
| Teacher Support(Help sessions etc.) | Help sessions are available as follows:**Karp:** M, W, 2:45 pm to 4:00 pm. Tuesday and Thursdays 7:00 am to 7:40 am.**May:** M, T, R and F mornings from 7:00 am to 7:40 am., W 2:45 to 4:00 pm.**Rhymer:** M, W 2:45 pm to 4:00 pm. Tuesdays and Thursdays 7:00 am to 7:40 am.**Head:** M, W, 2:45 pm to 4:00 pm. Tuesday and Thursdays 7:00 am to 7:40 am.**Bennett:** M, W, 2:45 pm to 4:00 pm. Tuesday and Thursdays 7:00 am to 7:40 am. |  |

### Course Description

Biology is a two semester course that instructs students in the content of cells (structure and function), organism diversity, heredity, ecology, and evolution.

**Course Curriculum Content**

The Georgia Standards of Excellence for this course can be accessed online at georgiastandards.org.

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| **Georgia performance standards** | **Units/Topics** |
| SB1. Obtain, evaluate, and communicate information to analyze the nature of the relationships between structures and functions in living cells.SB2. Obtain, evaluate, and communicate information to analyze how genetic information is expressed in cellsSB3. Obtain, evaluate, and communicate information to analyze how biological traits are passed on to successive generations.SB4. Obtain, evaluate, and communicate information to illustrate the organization of interacting systems within single-celled and multi-celled organismsSB5. Obtain, evaluate, and communicate information to assess the interdependence of all organisms on one another and their environmentSB6. Obtain, evaluate, and communicate information to assess the theory of evolution. | 1. Organisms: Classification and Diversity
2. Cells: Chemistry of Life, Structure and Function, Cell Processes
3. Heredity: Genetics, DNA, RNA, Genetic Engineering
4. Evolution: Natural Selection, Fossil Record
5. Ecology: Biosphere and Energy Flow, Population Dynamics, Human Impact
6. Scientific Experimentation and Research
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### Instructional Materials and Supplies

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| --- | --- |
| **Published Materials** | **Instructional Supplies** |
| PRENTICE HALL *Biology*. Miller, Levine Boston: Pearson/Prentice Hall, 2009.**Cost of Replacement $73.00** | 1. Textbook
2. 2 inch binder with paper for homework and notes
3. 5 dividers
4. Pen/Pencil
5. Highlighter
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**Evaluation and Grading**

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| --- | --- | --- | --- |
| **Assignments** | **Grade Weights (Regular)** | **Grade Weights (Honors)** | **Grading Scale** |
| Benchmark AssessmentsUnit TestsLabsQuizzesHomework Problems/AssignmentsWriting AssignmentsFinal Exam | Benchmarks (30%)Unit Tests (30%)Labs/Quizzes (20%)Daily Work (10%)Writing Assignments (10%)**NOTE: Assignments may be turned in one day after the announced due date, but are worth only 70% of the grade earned** | Benchmarks (30%)Unit Tests (35%)Labs/Quizzes (20%)Daily Work (5%)Writing Assignments (10%)**NOTE: Assignments may be turned in one day after the announced due date, but are worth only 70% of the grade earned** | A: 90 and aboveB: 80 - 89C: 70 – 79F: 69 or below**A student must have a grade of 70 or higher in order to receive the AP bonus of 10 points or the Honors bonus of 5 points at the end of the semester.** |

***NOTE: Not every item on class work and homework assignments will be graded. Sometimes we will only grade a select few of the items that truly show mastery of the content material.***

**Other Information**

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| **Expectations for Academic Success** | **Additional Requirements/Resources** |
| 1. Read daily
2. Ask questions
3. Participate constructively as a team member
4. Proofread written assignments and edit meaningfully
5. Review multiple sources of information
6. Challenge yourself to continuously improve
 | * Tutoring Available
* Helpful Resources
* Community Support Services
* Lab Safety Procedures
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**Honor Code:**

All BHS students will strictly adhere to the BHS Honor Code which is posted on the BHS website.

For any violation of the BHS Honor Code, students will receive a zero (0) and be referred to the administration.

**Make-Up Work:**

* **All pre-assigned work will be due on the day of a student’s return from an absence.**
* For **assignments which did not have a pre-assigned due date during the time of the student’s absence**, students will be given five days to arrange for makeup work or follow other arrangements granted by the teacher.
* Assignments or tests that are not made up by the specified time **receive a grade of zero (0).**

**All policies outlined in the BCSS student CODE OF CONDUCT and the BHS student handbook will be followed in this classroom.**

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| **Teacher consequences for Minor Classroom Disruptions** |
| 1st  | Penalty assigned at teacher’s discretion – Parent Contact |
| 2nd | 30 minute faculty detention and parent contact |
| 3rd  | 1 hour faculty detention and parent contact |
| 4th  | Administrative Referral |

***The syllabus may be updated as needed throughout the semester.***

**** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Date)

**Buford High School Biology Syllabus Agreement**

I have read and I understand the syllabus for this course.

Student’s name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student’s e-mail:

Student’s signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent’s name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent’s e-mail:

Parent’s signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Buford High School Biology Text Book Agreement**

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, wish to use the on-line textbook as my home biology reference tool by navigating to the textbook hyperlink at my BHS biology website. I understand there will be a class set of printed textbooks for me to use on a daily basis while at school. I further understand at any time during the school year I can request a printed textbook in lieu of the on-line textbook.

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, prefer to use the printed textbook, please provide me with an individual copy for home use. I understand that this copy must be returned at the end of the school year.

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (parent signature)

**Buford High School Biology Safety Contact Agreement**

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, have read the Flinn Scientific’s Student Safety Contract and agree to follow all safety rules mentioned in this contract. I will follow all teacher provided and written directions and understand failure to follow these directions might put both myself and others around me in danger.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (student signature)

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