

Teacher Name: Mrs. Goolsby room 003

Course Name: Integrated Science

Email: tgoolsby@greenville.12.sc.us

Phone: (864) 355-2391

Daily Schedule: Semester 1

1st period- Biology Honors

2nd period- Planning

Thrive time - 1st block Monday, 2nd block Tuesday, 3rd block Wednesday, 4th block Thursday, Advisory Friday

3rd period- Integrated Science

1st lunch- 12:30-1:00

4th period- Integrated Science

Semester 2

1st period- Integrated Science

2nd period- Planning

3rd period- Integrated Science

4th period- Biology Honors

Course Description:

The purpose of this course is to provide students support and foundation in their science coursework in biology and can be considered a pre-biology class. Students should be able to finish the class prepared to master the biology standards. Hands-on instruction and lab experiences will provide students opportunities to use these skills in authentic, real-world situations.

Learning Goals for the Course:

Power Standards

- 1.The student will demonstrate an understanding of lab safety, lab equipment, and scientific processing.
- 2.The student will demonstrate an understanding of inquiry,experimental design, and science and engineering practices.
- 3.The student will demonstrate an understanding of basic chemistry and essential biomolecules.
- 4.The student will demonstrate an understanding of structures and functions of cells.
- 5.The student will demonstrate an understanding of the functions of organisms.
- 6.The student will demonstrate an understanding of the energy of ecosystems.

Course Outline: (Subject Change based on student need):

- **Unit 1: Lab Safety** {Safety rules & procedures, safety symbols, lab equipment, scientific method} **1 week**
- **Unit 2: Inquiry and Experimental Design**{scientific processes and science and engineering processing skills} **3 weeks**
- **Unit 3: Chemistry** {atomic theory, atomic structure, periodic table, bonding, chemical reactions, biomolecules} **4 weeks**
- **Unit 4: Structures of Organisms**{cell structure & function, cell theory, types of cells, levels of organization, cell cycle} **3 weeks**
- **Unit 5: Functions of Organisms** {cycling of matter, photosynthesis, cellular respiration} **2 weeks**
- **Unit 6: Energy of Ecosystems**{Ecosystems, Changes in ecosystems, human impact} **2 weeks**
- **Course Review & final Exam**

Required Materials:

- Charged District issue Chromebook
- Students will be provided with a folder to keep notes and papers in. Students can choose to keep their folder and bring it to class daily or a location in the classroom will be provided for students to leave their folder. Students will be expected to have their folder each day.
- Pen or pencil

*Students will be asked to get their Chromebook, notebook and something to write with as they enter the classroom. Bookbags with all other personal belongings will be left in a specified area at the front of the room. **Students are not permitted to keep any bookbags, purses, bags, or electronic devices with them in the classroom.***

Grading Information:

Grading Scale

90-100:A

80-89: B

70-79: C

60-69: D

0-59: F

Grading Weights

Major: 60%- Unit Tests, Labs, Projects

Minor: 40%- Classwork, Quizzes

**In an attempt to encourage self-advocacy in students, I strongly encourage students to discuss concerns or issues over assignments and/or grades with me prior to parental involvement.*

Norms and Procedures:

1. Come to class, on time, be prepared – Chromebook (charged), notebook, something to write with
2. Do your work in class – take notes, work on projects/activities, participate in labs, ask questions
3. Work to the best of your ability. Be respectful of others' needs and differences.
4. Collaborate and work with a growth mindset toward our mission and goal

If expectations are not met:

- Consequences will be based on each unique situation and student.

Homework: Students will not be given specific homework assignments, but **may need to complete work from class if they are not able to complete the work during class or are absent.** If students get behind in their work or are struggling with concepts they are encouraged to ask for help. Students are also encouraged to participate in Trojan time for extra help.

I understand that all expectations and consequences outlined in the CHS Student Handbook apply in this classroom at all times, and I will work either as a parent or student to make this course a success.

Dear Parents or Guardians,

I am happy to have your student in my class, and I am looking forward to a successful year. Once you have read this syllabus, please sign below. By doing so, you are agreeing that you understand and agree with the contents.

Student Name: _____

Parent/Guardian Name/s: _____

Parent/Guardian Phone: _____

Parent email: _____

Best Method and time to contact: _____

I understand that Mrs. Goolsby uses TalkingPoints text communication for most parent contact. I agree to receive text communication from her from TalkingPoints. I understand that I can respond to any messages in TalkingPoints, and can contact her through TalkingPoints or her district email at any time.

_____ yes

_____ no, I would prefer to receive communication in the following way _____

If you have previously used the Talking Points App please be on the lookout for a message from me.

Since our study of science includes the viewing of films or videos that relate to what we are studying, I am including the following permission form for your child to view these films for educational purposes:

My child, _____ has permission does not have permission TO WATCH PG AND PG-13 IN CLASS.

My child does have access to the internet at home _____.

My child does have access to a printer at home _____.

My child does NOT have access to the internet or a printer at home _____.