

CLASS DESCRIPTION: Laboratory Science

This class offers a solid foundation for life science. You will learn the fundamentals of how to research life all around you. You will gain tools to help you become a better scientist.

Topics		Topics	
1st semester		Inheritance of Traits	
scinester	Ecosystems	Semester	Structure, Function, and Growth
	History of Earth's Early Atmosphere		Ecosystem Stability & the Response to Climate Change
	Evidence of Evolution		the response to Chinate Change

MATERIALS NEEDED:

- Computer: Google classroom and Aeries
- 70 page Notebook
- Blue/ Black pen and/ or Pencil

Suggested materials

Highlighter Calculator Tape

· Markers · Colored pencils · Graph paper

CLASS WORK:

Take pride in your work! All work will be collected in Google Classroom and your notebook.

<u>Google classroom</u> will post announcements for assignments, rubrics, worksheets, videos, and other resources needed for class.

- Full credit will be given for complete and on time work.
- Be sure to read directions carefully.

Labs are fun when directions and safety rules are followed. If rules are not followed labs can be replaced with writing/ reading assignments.

- Before experiments: Read all lab procedures.
- During experiments: Follow directions/rules and record data.
- After experiments: Write a conclusion about what you learned.

<u>Tests</u> will be short quizzes during the week and larger Unit Tests/projects about every 2 weeks. <u>Retakes</u> are possible for all tests. Once a test grade is available online show me 1)missing assignments from the unit have been completed and 2)a self-created study guide.

• The test will be a different version and the highest test score will be recorded.

<u>Projects</u> will replace some tests. Rubrics, videos, project formats, and example projects will help ensure that your projects are done correctly. Group/ partner projects might be an option for some projects. PowerPoints, drawings, a final draft write up and additional parts could be some examples that are to be turned into Google Classroom.

Late work may receive 50% credit until the end of the quarter **and** must include a summary paragraph. Large projects will have 10% deduced for each day.

Extra credit may be offered frequently, but small amounts of points are given throughout the year for going beyond the required work. No big project will have major points. Collect as much as you can.

Grade Letters/ % A= 100- 90 B=89-80 C=79-70 D=69-60 F= 59-0

Grade Types - approximate Work to form Knowledge: ------ 40%

(Notes, Drawings, Homework, Worksheets, Labs)

Work to Summarize Student Understanding----- 60%

(Projects, Labs, Diagrams, Tests)

Extra help-

In addition to daily google classroom updates, worksheets, videos, assigned websites, and Zoom meetings, my email is available for any questions: mbentley@pittsburgusd.net

CREATING A POSITIVE LEARNING ENVIRONMENT:

- 1. Treat others with respect and courtesy.
- 2. Try your best: manage your time, set goals, review material, and be organized.
- 3. Raise your hand for questions or comments.

SAFETY RULES: (additional safety rules posted on google classroom)

- 1. Read directions carefully.
- 2. No food, drink, or backpacks in the lab area. Water is allowed at your desk.
- 3. Be careful with all of the lab equipment and materials.
- 4. Keep the classroom a clean environment. Clean spills immediately.
- 5. No playing in the classroom.
- 6. Wear proper clothing in the classroom and lab.
- 7. Remain at your assigned lab area.

CLASS POLICIES:

Tardy- Be prepared for class and on time.

• When the bell rings, be in your seat, quiet, and working on the assignment posted.

Absences- Absences will reduce your understanding in the class.

- Getting make-up work is your responsibility, outside class time.
- Daily work can be found on Google classroom.
- Make arrangements for missed labs, tests, or extra help outside of class time.
- Some labs or activities cannot be made up.

DO NOT Copy!- Both/ all people will get a zero.

Bathroom passes- You need to ask and gain permission. Take a pass when leaving.

- Only one student at a time is allowed to leave class.
- Students may not leave during the first or last 20 minutes of class.
- Students who take extended time, ask frequently, or do not work in class will not be able to go and can lead a parent conference.

Electronic devices- Phones and headphones are not to be used in class MOST OF THE TIME. Phones can be used as tools SOMETIMES for research, calculators, data collection, or music ONLY if you ask and Mrs. Bentley gives permission. However, use is only at a certain period of time and then must be put away again.

If you do not use the phone or computer properly, they will be taken away.

Professional Student Contract

Name	Period	Date
		1

Turn in this signed Contract back to Mrs. Bentley.

I have read and agree with th	e information explair	ed in the Biology Syllabus 2023	3-2024.	
Student "Signature"	Date	Parent "Signature"	Date	

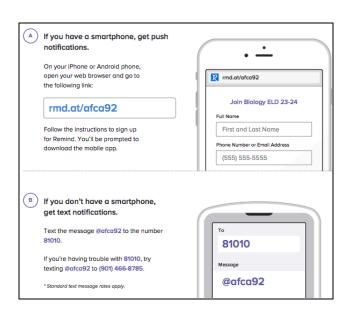
Sign up for "Remind" (see right)

 This app allows you to receive text reminders about assignments, tests, projects, and even get quick answers to your questions for both students and Parents.

Student yes no Parent yes no

Sign up for Aeries: You can view grades, assignments, attendance, and more. Please let me know if you need the directions or the code to sign up.

Student yes no Parent yes no



Contact information		
Student email address		
Parent name		
Parent email address		
Parent phone number		
Best times/ way to contact parent		
Other Information you think Mrs. Bentley may need to know or questions you have		

Professional Student LogData is a large part of Science. It is best to write down information as it is happening. I will do my best to ensure that classroom experiences are documented correctly.

Date	Classroom Experiences