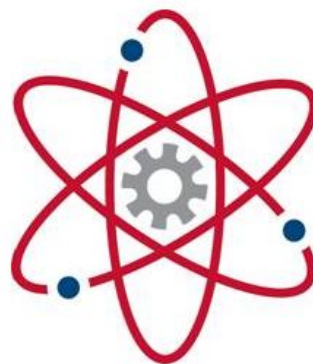


PLTW Principles of Biomedical Science



PROJECT LEAD THE WAY

PLTW

Ms. Buchman

Course Access: my.pltw.org Email: courtney.buchman@hayscisd.net

CRIME SCENE - DO NOT CROSS



WHAT WE WILL LEARN

This course sets the foundation for understanding Biomedical Sciences. We will begin with a Forensics unit surrounding the death of Anna Garcia. We will then explore nutrition and diabetes, genetics and sickle cell disease, heart anatomy and function, and finally infectious diseases. You will learn how to act as a Biomedical Scientist, developing important laboratory skills in addition to your content understanding.



LATE & MAKE-UP WORK

The general rules that will apply are as follows:

- All work will be given a specific due date. Work turned in after the due date and time will be counted late. 2 days turn in or **ZERO**
- If you are absent, it is **YOUR** responsibility to check the Google Classroom for the work you missed, the bin for handouts, and ask questions or arrange a time to make up any lab work
- You have the same number of days you missed to make up the work.
- Extra-curricular activities: Get work in advance!



Online Access

This class has no textbook. Instead, all curriculum is online and we use web resources and lab work to learn. You can access the curriculum at my.pltw.org. We have laptops for use in class. You are expected to stay on appropriate sites and using your time to work on the specific task/activity that has been assigned.



HOW TO STAY CONNECTED

The best way to stay connected is by checking in to the Google classroom daily, regardless of whether you are at school. You can also access curriculum using Inkling, and other free apps. SEE BELOW ☐

REQUIRED MATERIALS

***1 " Binder**



***1 notebook**
For a Career and Laboratory Journal
***Will be provided**



Notebook paper



Blue or Black Pen and a Pencil
Pens for raw data and lab work. Pencils for diagramming.

Additional Supplies

We will be using the following items throughout the year. Please pick on of the following items to donate to classroom. Kleenex or Clorox wipes



ASSIGNMENTS

- Major grades = 60%**
- Daily grades = 40%**
- Late work:** maximum grade = 70%
- Missing work = 0** (MSG in gradebook)
- Re-test :** Must attend tutoring w/ max grade of 70%. 5 days to re-test

NO CHEATING: no copying work from other students or from the internet. **This will result in a 0.**

SMARTPHONE APPS



If you have a smartphone please download these free Apps Inkling *CamScanner*, *Google Drive*, *Classroom* and for capturing hand-written work.

POLICIES

- Personal Electronic Devices are not allowed unless specified.
- Absolutely NO food or drink
- NO horseplay in classroom.
- Respect the people.
- Respect the process.

GRADING SCALE

100 90 80 70 60

A B C D F

Classroom Google Code:

jenn.Deschaine@hayscisd.net

512-268-8512 ext 44463

WHAT WE WILL LEARN

We will explore the body's response to extreme environments and situations, reading and analyzing "Surviving the Extremes." We'll figure out what makes all human bodies the same, and what makes each unique. We'll study the different body systems, their organs and their function, utilizing dissections and manikin builds to deepen our understanding. We'll study the body through the lenses of Identity, Communication, Power, Movement, Protection & Homeostasis.

LATE & MAKE-UP WORK

- If you are absent, it is **YOUR** responsibility to check Google Classroom and the gradebook for the work you missed.
- Check with another student about what you missed.
- Check with Burgess once you have an idea of the work that was missed. Ask for any handouts and clarify directions/due dates.
- If you have questions, need to make up a lab or need help, arrange a time to come in outside of school.

Internet & Classroom Google

There is not a textbook for this class. Instead, all curriculum is online. We use web resources and lab work to learn. You can access the curriculum through myPLTW.org, Inkling Axis app and on our Google classroom.

HOW TO STAY CONNECTED

The best way to stay connected is by logging onto Classroom Google and the gradebook. Students and parents can sign up for Google Classroom and gradebook notifications. If you need help, feel free to ask me.

REQUIRED MATERIALS

You will need the following materials **DAILY**



Composition Book
provided



Folder



Pencils



Colored pens

Please bring the following materials by the end of the first week



Baby Wipes

or



Kleenex

or



a roll of paper towels

SMARTPHONE APPS



If you have a smartphone please download these free apps— Google Classroom, Google Drive, Gmail, Inkling Axis.

ASSIGNMENTS

- Major grades = 60%
- Daily grades = 40%
- Late work: maximum grade = 70%
- Missing work = 0 (MSG in gradebook)
- Re-test : Must attend tutoring w/ max grade of 70%. 5 days to re-test

NO CHEATING: no copying work from other students or from the internet. *This will result in a 0.*

100 90 80 70 60

A B C D F

GRADING SCALE

POLICIES
No phones during lecture
No cheating
BE on task
RESPECT everyone