



Biomedical Innovations

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What We Will Learn

Welcome to the Capstone of your Biomedical Science journey! In this class you'll learn about Biomedical Innovations and how they've changed our world. You'll play the role of a research scientist, planning, conducting & analyzing your own experiments, including using statistical analysis & presenting formal research. You'll explore Toxicology, Forensic Pathology, Emergency Medicine, Environmental Health & much more! You'll also learn professional skills for your next phase--including making a resume, writing a cover letter & more.



Grading Policy

At the start of each section or unit, you'll get a list of learning goals. Grading will be a combination of formative assessments and summative assessments that align with DCPS Policy on Grading. Every Monday, we will have a class "check in" where you will show your progression and road to mastering the learning goals of the week. We'll provide feedback when you are struggling to master a learning objective & you'll get a chance to continue working toward mastery.

EMERGENCY



Accessing the Curriculum

This class has no textbook. Instead, all curriculum is online and we use web resources and lab work to learn. You can get to the official PLTW curriculum by going the myPLTW.org & logging on. We will use Schoology to assign & collect work & will link it to myPLTW resources. Whether learning at home or in the classroom, your laptop and/or phone will be one of your key resources.



@ Staying Connected

The best way to stay connected is by logging onto Google MEET daily & following instructions there. If you are learning from home & are ever struggling with figuring out the instructions or what you are to do, we will be available by email & am also happy to set up a Google Meet to talk you through anything you're confused about. If you need help, just ask:)

REQUIRED MATERIALS



1 Inch Binder
You'll need a single binder



Tabs
Get sturdy Post-it Tabs for separating your notebook sections (only if using binder)



Pens/Pencils
We'll do lots of journaling by hand, so make sure you have writing implements.

Journaling Materials
Highlighters, colored pencils & post it notes will all be handy for journaling.

Additional Supplies

As mentioned under "Accessing the Curriculum," the internet & a phone or computer are critical to accessing the curriculum & connecting to us. If attending school in person, you'll need to bring any health/safety supplies required by the district, such as masks.

SMARTPHONE APPS



If you have access to a smartphone or tablet, please download these apps: Google Classroom, Google Meet & Inking Books (code is PLTW).

POLICIES

Complete all work on time
Be honest (do your own work)
Persist until mastery occurs

ASSIGNMENTS

GRADING SCALE

100 90 80 70 60

A B C D F