

# The MYP Science Survival Guide

A simple guide of rules and procedures to help any student succeed in Ms. Hernandez's classroom



Helen C. Peirce School of International Studies

# >>Expectations & Procedures<<

## Expectations

1. Be on time, on task & prepared to learn EVERYDAY #nofreedays
2. Respect the teacher, the classroom, other students and yourself #benice
3. Be responsible for your own learning #quitcheating #workhard
4. Clean up after yourself and your peers #notyourmom
5. Keep all personal electronics PUT AWAY  
#onlywithpermission #notexting #notweeting  
#nopictures



## Procedures

### How do I enter the classroom?

As soon as you come in, you must sit down in your seat, look for the Warm-up on the board, and get to work quietly. After the bell rings, you will have 5 minutes to complete your Warm-up. Get to work immediately!

### What if I have to go to the bathroom?

You can not go to the bathroom during the first 10 or the last 10 minutes of class. I do understand there are emergencies so those situations will be handled independently.

### Can I bring food to class?

There is no eating any time in class. If I see it, it will be thrown away. You may bring a water bottle to class with you, but make sure it is able to close.

### Can we listen to music in class?

Yes and no! There will be occasions when you are able to listen to music in class. It all really depends on how hard your classmates are working! This privilege can easily be taken away! I also suggest you bring your own headphones.

### What should I do if I finish early?

If you finish early, you may work on other work from my class, edit your work, or read quietly. Sometimes, I will ask you to help your peers if you finish early.

## >>Grading Policy<<

Be sure to hand in all work on the due date, otherwise you will have points deducted. Each day it is late it will drop a letter grade. I am always open to discuss grades either before or after school, but **DO NOT** wait the day before grades are due!

If you miss a class, **YOU** are responsible for the work that you missed. Each assignment can be found in Google classroom. If you must miss class for an illness or emergency, please see me so that we can work out a plan of action for you to make up the missed work.

Your class grade will be based on your performance on the following components:

- Tests and Quizzes
- Labs
- Projects
- Homework
- Participation

**Extra Credit** will be offered three times during the year and everyone is eligible. These extra credit opportunities will be made available to you at the end of each semester. No other extra credit will be offered!!

If you need extra help, just ask me. I am usually available every day after school. So if you want to talk about homework, have a question about a test, want to make up work, or simply chat, stop by my classroom after school. My door is always open to you!

A	90-100	
B	80-89	
C	70-79	
D	65-69	
F	0-64	

## >>Supplies<<



- 1 inch binder
- 5 section dividers
- Lined/graphing paper
- Color pencils
- Pencils
- Pens (black or blue & other color)
- Ruler

## >>Scope & Sequence<<

### Unit E: Ecology

9 Weeks

Students consider whether an extinct species should be brought back to life as they examine fossils, consider the lines of evidence for evolution, natural selection, and the role of genetic mutations. Students evaluate the impact of humans on the extinction/evolution of species.

### Unit F: Evolution

6 Weeks

Students consider what happens when a new species is introduced into an ecosystem as they model ecological relationships within an ecosystem; simulate the effect of competition, predation and other factors on population size; and investigate local ecosystems.

### Unit C: Cell Biology

8 Weeks

Students study microbiology; cell size, structure, function and permeability; and systems of classification. They explore the function of the immune system and the growth of antibiotic-resistant organisms.

### Unit D: Genetics

5 Weeks

Students explore fundamental principles of Mendelian genetics in pea plants and humans. They study asexual and sexual reproduction, the process of cell division, and the role of nature and nurture in determining traits. Near the end, students model the use of DNA technologies to solve real problems.

## >>Contact Information<<



Ms. Hernandez

[jhernandez539@cps.edu](mailto:jhernandez539@cps.edu)

Ms. Zawayta

[npzawayta@cps.edu](mailto:npzawayta@cps.edu)

Website: <http://peircehernandez.weebly.com>

## >>Science Binder Guidelines<<

Keeping an organized binder is your key to surviving this class! It is designed to help keep your papers, assignments, handouts, etc. organized in a location where you can find them should you need to refer to them again. Like any system, it requires practice and discipline until it becomes a habit. Having a system that works to keep your school work organized is key to your success in middle school and beyond.



At least twice per semester I will conduct a binder check that will count as a quiz grade. \*Due dates will be posted later this week on Google Classroom.

<b>Divider 0:</b> Survival Guide	Place this guide before the first divider. This manual can also be found on the class website.
<b>Divider 1:</b> Warm-ups/Exit slips	Warm-ups will be done on a weekly basis to begin and close class. Almost every question are the same or similar to the test questions, so use them to study. These are mandatory, not optional.
<b>Divider 2:</b> Class Notes	This section should contain any notes completed in class. In order to receive a Notebook check stamp, the student must have notes from each lecture.
<b>Divider 3:</b> Assignments	This section should contain assessments given in class and for homework.
<b>Divider 4:</b> Labs	This section should contain all of the labs completed in class and/or finished for homework. Even if a lab is finished for homework, it will count as a Lab grade and remain in your Lab section.
<b>Divider 5:</b> Tests/Quizzes	This section will contain any study guides and graded test/quizzes. This will be helpful in helping you keep record of your grades.

## >>Lab Safety Contract<<

	Always report accidents to the teacher or adult present in the room.
	Read and understand the experiment BEFORE beginning.
	Wash your hands and any lab instruments used before and after any lab activity.
	Wear protective clothing. (closed-toed shoes, hair tied back, goggles)
	Be smart. No tasting, touching, smelling unknown substances unless instructed to do so.

I have read this safety contract and understand what is expected of me during laboratory activities. I understand that failure to comply with these safety guidelines may result in my being removed from class and that I will lose credit for the work that is done during my absence.

Student Signature:

Date: