

Labs: Experimenting in the science lab is safe if you are careful! Each student must assume responsibility for the safety of themselves and those around them. The following safety rules should help guide you in keeping our lab a safe place to work.

1. The science lab is used for serious work only. No horseplay will be permitted.
2. Do not perform unauthorized experiments. Always obtain your teacher's permission before doing any experiments.
3. Study your lab experiment carefully. If you are in doubt about any procedure, ask your Dr. Cubbin.
4. Use the safety equipment provided for you. Know their location and proper use.
5. Safety glasses must be worn whenever any substance is being heated or when mixing or pouring chemicals.
6. Report all accidents, injuries or incorrect procedures to your teacher at once.
7. If you spill acid or other chemical, wash with water or ask your teacher for help.
8. Never eat or drink in the lab.
9. Never inhale chemicals.
10. Do not throw paper or other solid material into the sink.
11. If glass is broken, call your teacher for help.

Participation/Behavior: To make this first year of middle school science a successful one, your participation and contributions are a necessity. To make this happen, always keep your cell phone turned off. There is no need to have it on in class. If your parents need to contact you, they must call the main office. Inappropriate behavior will be dealt with swiftly and fairly. Keep in mind that there are usually more than 30 students in each class. Please keep this in mind and do not distract others from learning.

JupiterEd: All teachers at Bay Academy use JupiterEd to record grades and make them available for both students and parents. Students know, I make every effort to grade the work on the very same day that has been turned in. It is important that both parents and students monitor JupiterEd on a regular basis. The app is available for cell phones (both Apple and Android) as well as I-Pads. Using JupiterEd gives you immediate access to both student progress and to me as well. JupiterEd uses "e-messaging" for communication. It is similar to text and if we are having a discussion about school, it is a very easy and fast way to convey information and you can easily look up prior conversations on your phone or I-Pad we have had as well. I know you will prefer this form of communication over e-mails.

Extra Credit:

Every Trimester – You may purchase one of the following items for **three (3) points**:
facial tissue, paper towels, or hand sanitizer

Every Trimester – You may purchase one of the following items for **five (5) points**:
1 ream of printer paper

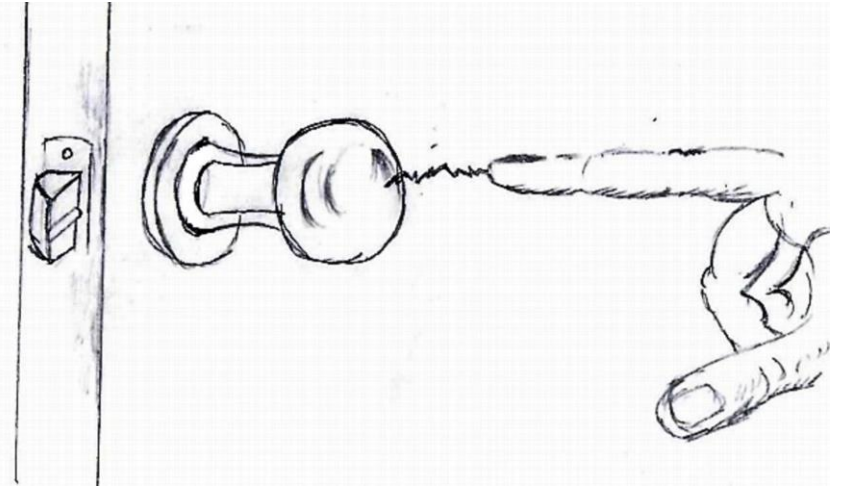
Grading Policy:

Assessments – 40%
Quizzes – 20%
Homework – 20%
Activities, Portfolio, Labs, Notebook – 10%

I am looking forward to an exciting and productive year! *Dr. Cubbin*

WELCOME TO 6TH GRADE SCIENCE!

DR. CUBBIN – 2018-19



So what are you going to learn this year?

- *Electricity & Magnetism*
- *Engineering & Energy Transformations*
- *Ecosystems*
- *Weather & Climate*
- *Humans & the Earth*
- *and so much more!*

This booklet will help both students and parents become familiar with the Rules, Policies and Procedures of Dr. Cubbin's **6th Grade Science Class** as well as both **6th and 8th Grade Science Talent classes!**



Bay Academy for the Arts and Sciences

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To successfully navigate this class, you will need to know the following:

Arrive On Time: Arriving to class on time is of critical importance to getting good grades. Students have a 2 minute “window” after the second bell rings to get to class on time and I do not time your arrival to class, but you are marked late if you arrive to class after most students have arrived.

Once you are seated: Write down your homework. **Write down your homework and get started on your Do Now right away!** (This is not a misprint! *It needs to be said twice*). Yes, your homework will be posted on JupiterEd, but students who do not write down their homework in their planners will earn lower grades than their peers who do – fact! I also suggest you leave your planner/agenda book open to today’s date on your desk. In case I add any suggestions during class, you can add these to your homework.

Notebooks: We will be using the Cornell Note taking system this year and I prefer composition notebooks as they create a more “permanent” source of study information. Just a suggestion!

Progress Reports: You will be “goal setting” most Mondays (or Day 1) so students **and parents** must review student grade on Jupiter daily. It takes less than 1 minute but can make the difference between success and failure. Upload the JupiterEd app to your phone for all announcements

Join the 90’s Club! Students earning a 90% or above on tests, their parents will receive a call and/or a text or e-mail congratulating them on their tremendous accomplishment. Earn a 100%? That gets you something very special!

“No Name” Box: From time to time, students will forget to write a heading or put their name at the top of the work they are handing in. When this is received, it is placed in the “No Name” Box. If a student looks to his or her Progress Report and sees their work has not been graded and recorded, the first thing they should do (even before speaking with me) is to go to this box and see if they forgot to write their name.

Absent: When you return, write ABSENT on the top of the missing assignment and hand it up as the current day’s homework is being collected. No points will be deducted. If you do not write absent, any work from absence will be marked as late. You are responsible to write ABSENT.

Monitors: I will be recruiting monitors for the following: Lab Equipment, Document filing, Computer Maintenance and Microscope Repair. Students will receive credit for their community service from this work.

Homework: All homework (including quizzes & tests) is expected to be completed the day it is assigned unless otherwise noted. If work is to be written on loose leaf and handed in, it will most likely be collected. Sometimes though, work will not be collected and the student should hold onto it to be used as study material. Homework is collected at the beginning of each class. It will be handed up to the front – from student to student. If there is more than one page (such as a lab), the student is responsible for stapling the papers together at home. **Homework will be posted by due date, not by the date assigned.**

Science Talent Requirements: Science Talent classes meet 3-4x/week. The curriculum for this class has been designed over the past four years to help students gain the most from their science experience and to prepare them for the highly competitive challenges they face entering high school and beyond!

With offer many contests and competitions, so there are plenty of exciting science challenges to keep our Science Talents busy this year (and for years to come!) These competitions are available for our students and as either school sanctioned events or independent self-paced contests. **All** contests and competitions are open to **all** students at The Bay Academy, but for some there are "qualifying" tests needed to participate. If you are Science Talent, you will have the advantage of preparing for these events during the 3-4 times we meet each week.

There are two categories - Major contests and Minor contests - and students will need to choose from both group A and group B to meet the requirements. Students must keep an **individual notebook** detailing all work that is being completed on a weekly basis. If you are in a group, each student must keep their own notebook. Your grade will be based on the notebook and the outcomes of the contests and competitions you have entered. Since I cannot possibly list all information for every event here, it is up to each student to research contests on their own time and there will be time available during class when research may be done as well. We will spend the first 1-2 weeks going over the contests and competitions answering any questions.

Major Competitions:

New York Science Olympiad
NY City Science Bowl
Future City
E-Cybermission
Exploravision
Future Engineers
ProjectCSGirls
Carton2Garden
DXC Technology
3M Young Scientist Challenge

Minor Competitions:

Engineer Girl
Bridge-Building Contest
Poetic Power
Scranton Earth Week
Write the World
Fluor Challenge
NYC Art & Poetry Contest
Project Mars
Writers of the Future
(thewriterpractice.com)
My Mini Factory Design Challenges

Each student/team and their contest will be reviewed on an individual basis. At no time during the year should there be a time when the student has finished a contest and has “nothing to do” 😊 There is always a contest or competition just waiting for a student (or a team of students) to jump on board and be challenged! Speak with me if you need direction and I will show you the way!