

Math 6

It's not that I am so smart; it's just that I stay with it longer. -Albert Einstein

Contact Info

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Units of Study

Unit 1: Number Systems

Unit 2: Ratios & Proportions






Unit 3: Expressions & Equations

Unit 4: Statistics & Probability

Unit 5: Geometry

Grading Breakdown

Graded assignments can be broken down into the following categories:

- ✓ Unit Tests - 25%
-  Quizzes - 20%
-  Performance Tasks - 15%
-  Notebooks & In-Class Work 20%
-  Homework - 5%
-  IXL assigned skills: 15%

Students will:








- ✓ JUSTIFY their reasoning by SHOWING THEIR WORK
- ✓ EXPLAIN their reasoning by USING their WORDS

Grading Scale

A	100 - 90%
B	89 - 80%
C	79 - 70%
D	69 - 60%
F	59% & below

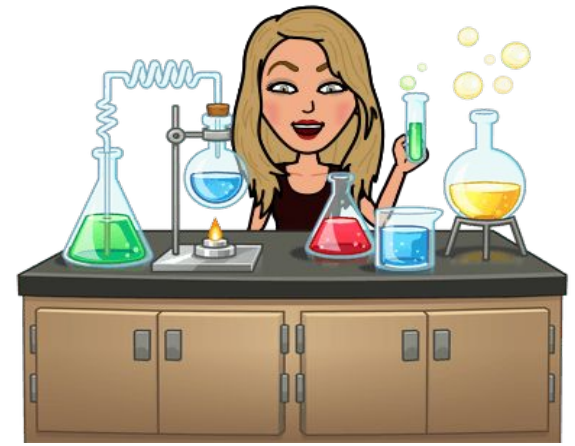
Materials

Bring to class daily:

-  5-subject notebook
-  iPad (charged)
-  Headphones/Earbuds
-  Pens & Pencils
-  Glue Sticks
-  Ruler
-  Math Practice Book

Science 6

Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less.
Marie Curie



Units of Study

Unit 1: Systems on Earth

- *Body Systems
- *The Cell as a System
- *Earth's Interacting Systems

Unit 2: Causes of Weather

- *Energy Transfer in the Water Cycle
- *Weather Patterns

Unit 3: Causes & Effects of Regional Climates

- *Creating Climate Regions
- *Environmental & Genetic Influences
- *Reproductive Success
- *Heredity

Unit 4: Our Changing Climate

- *Causes of Climate Change
- *Climate Change Impacts Organisms
- *Reducing Human Impacts on the Environment

Investigation Expectations

100 Follow directions at all times.

100 Take care of LAB materials.

100 Wait to begin any LAB until instructed by your teacher.

100 No running around the classroom or throwing LAB materials.

100 Work as a team to investigate scientific problems.

Grading Breakdown

Graded assignments can be broken down into the following categories:

- ✓ Unit Tests - 35%
- 📄 EdPuzzles - 20%
- 👋 Projects/Investigations - 30%
- 🌐 IB Projects - 15%

Grading Scale

A	100 - 90%
B	89 - 80%
C	79 - 70%
D	69 - 60%
F	59% & below

Science 6

Our virtues & our failures are inseparable, like force and matter. When they separate, man is no more.
-Nikola Tesla

Science & Design Focus

Design

With inquiry at the core, the IBMYP sciences framework aims to guide students to independently and collaboratively investigate issues through research, observation and experimentation. The MYP sciences curriculum explores the connections between science and everyday life. Scientific inquiry fosters critical and creative thinking about research and design, as well as the identification of assumptions and alternative explanations. Students learn to appreciate and respect the ideas of others, gain good ethical-reasoning skills and further develop their sense of responsibility as members of local and global communities. Each science objective corresponds to one of four equally weighted assessment criteria.

Science

Our district has full implementation of the Next Generation Science Standards (NGSS), and therefore, our studies will focus on four disciplines: Life Science, Earth Science, Physical Science, and Engineering. Students will learn about different types of energy and how the transfer of energy affects many phenomena on Earth's surface. Additionally, students will discover how cells are the building blocks of life. Finally, students will develop their own questions and conduct investigations.





5Es of Science

Students will:

- ✓ ENGAGE
- ✓ EXPLORE
- ✓ EXPLAIN
- ✓ ELABORATE
- ✓ EVALUATE

Materials

Bring to class daily:

-  iPad (charged)
-  Headphones/Earbuds
-  Composition Notebook
-  Pens & Pencils

Science Textbook is also online
Clever → Discovery Education



Math & Science 6

Class Procedures

Student Work

Students will be asked to show their understanding in written, verbal, and visual ways. This may include recording videos or audio and taking pictures.

Assignments will be assigned through Google Classroom and/or via paper. Due dates, links, materials, etc. will be posted in Google Classroom and/or explained in class. Students are responsible for checking for assignments in Google Classroom and/or in their daily planner and asking questions when necessary.

Late Work/Academic Honesty

Late assignments will be accepted up to 2 weeks past the due date. All late assignments will receive a loss of points (varies based on assignment). Check Power School on a consistent basis for the most updated information on grades.

Collaboration is encouraged but plagiarism and cheating is not considered collaboration. Each student needs to complete their work and calculations on their own without excessive help from parents, friends, google, etc. This includes communicating with others using personal devices while completing class work.

Citizenship

Each student starts the day with one citizenship point. If students are not following classroom expectations. (See Beechwood PBIS Behavior Matrix), students may lose a citizenship point. The total points at the end of the trimester will be a determining factor in calculating citizenship grades. If a student receives an "N" in citizenship, he/she will not be eligible for Principal's Honor Roll or National Honor Society.

Absences

1. Check the Daily Agenda & Google Classroom for the day(s) you missed to see what lessons/assignments need to be made up. Upon returning, **YOU** are responsible for checking to see what you missed.
2. Any homework or projects assigned prior to your absence are due when you return to class.
3. For homework or projects assigned during the absence, every day you are absent, you are allowed **one day** to complete your missing work.

Class Goals

Students will be:

- ✓ PREPARED
- ✓ RESPONSIBLE
- ✓ a POSITIVE role model
- ✓ RESPECTFUL
- ✓ COOPERATIVE

Expectations

100 Come to class everyday with a great attitude. Stay positive.

100 Always make an effort to listen to others and speak respectfully.

100 Be on time and be prepared for class.

100 Mistakes are a part of the learning process. Keep trying and be resilient.

100 Don't be afraid to ask questions.

100 Work hard and be nice.

Classroom Expectations

General Tips for Success

Stay Connected

Use your school email account. Check it daily and communicate with your teachers through it.

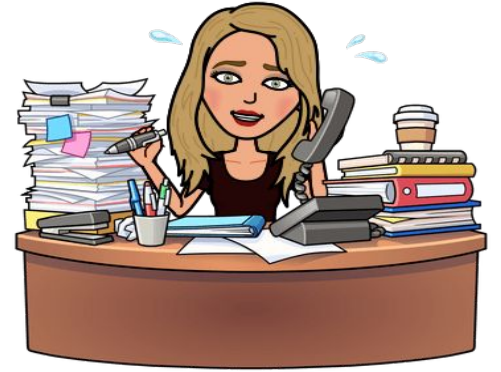


Look for announcements on your Google Classroom stream or on classroom whiteboard.

Come Prepared

Bring your needed supplies every day.

Make sure your backpack is organized and kept neat in order to easily access supplies and materials.



Stay Organized

Use your planner to keep track of upcoming assignments & quizzes/tests.

Stay on top of your assignments. Be aware of due dates and plan accordingly.

Check the weekly agenda for anything you missed and reach out to your teacher if you have any questions.

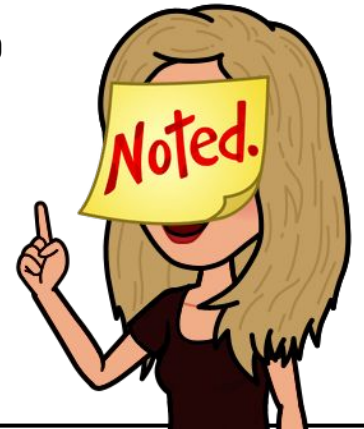


Google Classroom

Some assignments will be collected through Google Classroom. Make sure to upload any work within the assignment. Pay attention to due date AND times!

Use the Private Comment feature to ask questions directly to your teacher.

Post responsibly and respectfully to any discussion boards.



Classroom Expectations

Class Etiquette

Be On Time



Know your class schedule and be **ON TIME**. School starts promptly at 7:45am

Being late will result in a tardy.

Participation

“Raise Your Hand” when wanting to contribute or participate in discussions.

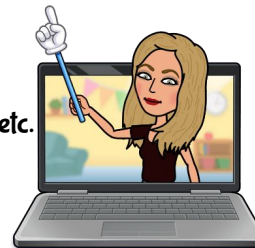
Never interrupt a classmate or adult who is talking.

No cell phones, playing on smart watches, chatting, emailing, eating, or working on assignments from other classes during our class session.



iPads

- **Use iPad in appropriate manner**
iPads are to be used as an **instructional tool**. Students who violate classroom/instructor rules may receive a strike. Appropriate and kind digital citizenship is expected at all times. Ex: off task, not on correct app/page, inappropriate content, etc. At teacher’s discretion.
- **Store your iPad properly.**
iPad should not be left in unauthorized area. Ex: Lunch tables, black top, outside in weather, etc
- **Bring iPad to School EVERY DAY!**
- **iPad Battery Should be FULLY charged EVERY DAY!**
- **Be SAFE with your iPad**
Ex: Running, no case, throwing iPad, leaving iPad outside (out of backpack)etc.
- **Do NOT Modify iPad**
Ex: Applying passcodes, downloading apps without permission, modifying operating system, etc.



Respect

Respect your teacher and your classmates.

