

7th GRADE SCIENCE

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Room 114

COURSE DESCRIPTION

This class will use the NGSS Science Standards as a framework for the Units of Study we will cover in 7th Grade Science. Science class will be inquiry driven, hands-on, project based learning. My goal is to have at least one Lab/Investigation or Hands on Manipulative every other week. Students will have many opportunities to interact and personalize their learning to master the skills and concepts for each unit. Lessons will be differentiated based on student needs (learning styles, remediation, enrichment, GT).

UNITS OF STUDY

Life Science (12 weeks)

- Unit 1 - Matter and Energy in Ecosystems
- Unit 2 - Cells and Life
- Unit 3 - Body Systems
- Unit 4 - Reproduction of Organisms

Physical Science (24 weeks)

- Unit 5 - Mechanical Energy
- Unit 6 - Electromagnetic Forces
- Unit 7 - Introduction to Waves
- Unit 8 - Light
- Unit 9 - Information Technologies
- Unit 10 - Energy and Matter
- Unit 11 - Matter: Properties and Changes

Grades will be calculated using the following percentages:

Academic Mastery: 50%

- Test
- Quizzes
- Labs/CERs
- Projects

Academic Progression: 30%

- Classwork/Assignments
- Presentations
- Exit Slips
- Science Notebook

Engagement/Process: 20%

- Warm-ups
- Reflections
- Participation

Middle School Grading Scale

90 - 100	A
80 - 89	B
70 - 79	C
0 - 69	U

REQUIRED MATERIALS

1. "B" Day Binder
2. Chromebook and Headphones/Earbuds
3. Science Notebook
4. Textbook
5. Writing Utensil





CLASSROOM EXPECTATIONS

1. All students are expected to be on time and working on their task at the beginning of every class.
2. Students are expected to complete all work on time, and work not completed in class should be finished as homework.
3. Participation and interaction will be very common and students will need to handle this with respect and courtesy for others.
4. Bring a positive attitude to class every day.
5. If absent, all missed work is the student's responsibility. Students should check the Science Daily Agenda and Google Classroom for missed work.
6. Science will be Anchored in the Big 3
 - a. Treat Others Right
 - b. Maximize Your Potential
 - c. Make Smart Decisions

CONTACT INFORMATION (see top of syllabus for email)

- Infinite Campus should be used to access up to date grades.
- Email is the best way to get a hold of me (I will try and respond as quickly as possible).
- We will be working with the Google Classroom often, and hard copies of some assignments will be available. A daily Agenda will be posted each day in the Google Classroom with information on what we worked on that day in class.

Science Daily Agenda 	Science Notebook 
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