

# 7<sup>th</sup> Grade Science

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## Supply List

Single Subject Notebook  
Folder or 3 ring binder (unless using accordion style file)  
Highlighter (recommended)  
Red Pen  
Colored pencils or markers will be needed occasionally  
Calculator is recommended but not required

## Student Expectations

Work to the best of **your** ability  
Ask questions as needed  
Help maintain a safe and positive learning environment  
Bring necessary materials to class on time  
Complete assignments and readings

7<sup>th</sup> Grade Science is a required class that is designed to provide you with basic science skills and content in Earth, Life and Physical science. This knowledge will help prepare you for future science courses in Middle School and High School. Units will include the following:

### Semester 1 Units

Variables  
Life Structure and Function  
    Cells and Life  
    Body Systems

### Semester 2 Units

Understanding Matter  
    Classification and States of Matter  
    Matter: Properties and Changes  
Earth's Resources  
    Distribution of Earth's Resources



Mutant Jeans

## Essential Questions

1. How do scientists design and execute controlled experiments
2. What are the characteristics of living things?
3. What are the parts of cells and their functions and how do the parts contribute to the whole?
4. How does the structure of a substance and the energy of its particles relate to its properties in different states of matter?
5. What effect does changing temperatures have on substances?
6. What effect does changing pressure have on substances?
7. How do atomic structures determine the properties of a substance?
8. How do people use resources from Earth's land, ocean, atmosphere, and biosphere?
9. Why are resources distributed unevenly on Earth?
10. How do humans impact resource distribution and availability?

## Absences

If you are absent, homework assignments must be handed in within 2 days of the absence. Please see me when you return to find out if you missed any assignments. **You are responsible for any notes that you may have missed.** If you know you will be absent, please see me ahead of time to make arrangements especially if it will be for an extended period of time. Quizzes or tests will be expected to be made up the day you return. These can be made up during study halls or before/after school.

## Grading

### **Quarter Grades**

70% Assessments  
20% Daily Work (assignments, labs, projects)  
10% Participation (workbook activities)

### **Semester Grades**

50% for each quarter grade  
(A semester exam may be given and added to a quarter grade)

## Late Work

All late assignments will be docked 10% regardless of how late the assignment is.

## Corrections:

Corrections can be made on daily assignments to improve your score. Scores can be raised up to 100%, but must be made by the day of the current chapter's test. Corrections need to have the page # where answer can be found with the correct answer to receive credit. **Take advantage of this opportunity!**

It is recommended that students keep all returned work to insure that it has been recorded properly. All assignments are recorded on Skyward and available for students and parents with the issued password. Students should collect and keep returned work in their folders for corrections, a study tool, and for verification of grades.

## Tests:

All students will be expected to achieve a score of at least 70% on all tests and quizzes. If 70% is not achieved students will complete review activities and retake the assessment. Other students may be allowed to retake the test if they also complete review activities. The maximum score on a retake assessment is 80%. Retake assessments need to be completed prior to the next Chapter Assessment. Enrichment activities will be planned throughout the year for students showing mastery of skills based on assessment scores.

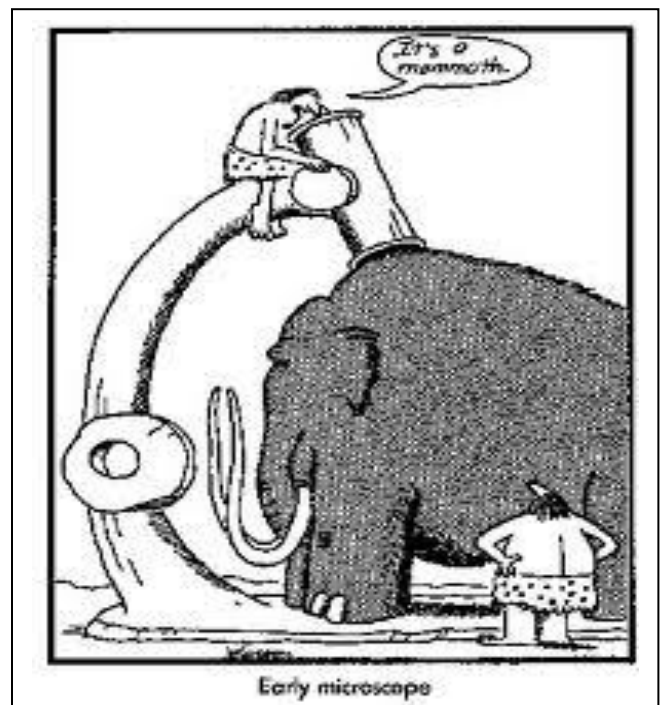
## Extra Credit

Only projects such as reports, posters, take-home labs are acceptable as extra credit and must be related to the current topic of study. Ideas are sometimes given in class, but students are encouraged to develop their own ideas. If unsure if your idea will work, ASK!

## Academic Integrity

Copying of work, plagiarizing, or any other form of cheating does not help any student show understanding of concepts or prepare for the future. It will not be tolerated and any student caught doing so can expect one or more of the following based on teacher and administrative discretion.

- Re-do the work
- Re-do the work for partial credit
- Earn no credit for work
- Phone call/email to parent/guardian
- Referral to principal or Dean of Students



Cell Phone Policy

Students have 2 options when it comes to cell phones:

1. Cell phone stays in their locker.
2. Cell phones is shut off and placed in the designated holder in the classroom until the end of the period including restroom breaks.

They are not allowed to carry phones on them while in the classroom. Violations will be subject to the School Board Policy:

1<sup>st</sup> offense: phone taken to office, verbal warning, phone held to until end of day.

2<sup>nd</sup> offense: phone taken to office, detention, phone held until parent or guardian picks up.

Further offenses: may include loss of privileges for up to a year and/or suspension.

We may use phones occasionally during classroom activities for educational purposes with teacher permission.

Parent Communication

I have many avenues that I use to contact parents and students to provide classroom information. The most common is using email with the address printed at the the top of this document.



**Lastly, I use Remind 101 to quickly share announcements via text. This would include test dates, important dates, etc. If you'd like to participate in Remind 101, simply text the code @cd41260 to the number 81010.**

Miscellaneous

No food or drink will be allowed in class except under special circumstances and permitted ahead of time. Water in a sealed container is acceptable. Gum is also acceptable, but subject to change at any time. Backpacks, and purses are also not allowed in the classroom, please leave them in your locker.

**Parents: Please feel free to contact me at any time if any concerns arise. Good communication is essential to the success of our students.**



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*Please return this portion with your child and keep the previous pages for your records.*

Fill in the following information to show you have read the Classroom Syllabus and to provide me with contact information. If you have any questions, please feel free to contact me by phone, email or Remind. If I do not reply to your emails, please call me as soon as possible. Some emails are categorized as SPAM and do not make it to my inbox.

Student Name: \_\_\_\_\_

Parent(s) Name: \_\_\_\_\_

Email: \_\_\_\_\_ (Personal)

\_\_\_\_\_ (Work)

Phone: (Home) \_\_\_\_\_ (Cell) \_\_\_\_\_

**Preference of Contact:** \_\_\_\_\_ (Email: P/W) \_\_\_\_\_ (Phone) \_\_\_\_\_ (Cell)

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Student Signature