

**6th Grade Science Syllabus  
Mrs. Cunningham  
Room 11**



**Course Description:** 6th Grade Science is a rigorous academic course designed to support all students at their current level and encourage growth and development in their academic abilities. This course will enable students to understand, apply, analyze, and evaluate scientific concepts. Students will also demonstrate knowledge and skills through the creation of models and cumulative projects. Curriculum is based on the Next Generation Science Standards (NGSS) for middle school. If you would like more information about NGSS, you can visit this link:

<https://webnew.ped.state.nm.us/wp-content/uploads/2018/07/Middle-School-Integrated-Course-Map.pdf>

Units and standards can be found here.

**Enduring Understanding:** Everything is Everything! The natural world is interconnected. Students will be able to recognize that the natural world is made of systems and patterns that constantly interact and affect one another. Students will develop an understanding of their place in the natural world and how human behavior affects the natural world, and in turn themselves and our greater communities.

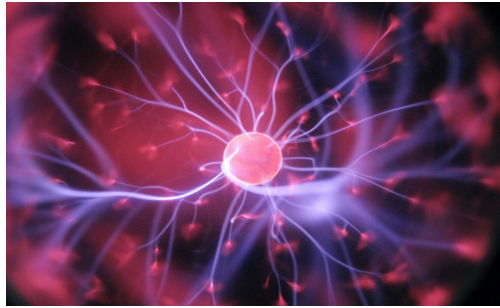
**Schedule:**

**Monday and Tuesday:** Science Review (daily), student exploration of learning target/notes/Practice assignments clean-up, review, dismiss

**Wednesday:** Science review, assignment or review, clean-up, dismiss

Thursday: Lab/hands on learning, or science literacy, review (Thursday)

Friday: Quiz or test on Friday, science literacy, all assignments for the week are due on Friday.



Each unit takes about 6 weeks to complete

<u>Semester 1 Units of Study:</u> -Engineering and Design/Scientific Thinking -Energy and Matter These are both longer units!	<u>Semester 2 Units of Study:</u> -Water cycle, Weather and Climate -Rock Cycling, Plate Tectonics -Natural Hazards -Organism growth, cells, and body systems
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**Materials:**

1. 3 subject notebook with pockets for dividers
2. Writing utensils (pencils, pens, colored pencils, 3 different colored highlighters, erasers, pencil sharpener, glue stick, scissors)
3. Personal headphones
4. Laptop charged and functioning daily

\*\*Join the google classroom to stay up to date if you miss class. Here is the code: 656o6vei

### Course Grades:

Weekly Participation: (30%) academic behaviors- responsibility, preparedness for class (charged chromebooks daily and notebooks), time management, following directions, following classroom expectations

\*\*\*Points will be deducted daily for off task behaviors such as use of unauthorized devices in class, not following directions and/or classroom expectations.

\*\*\*See power school notes for details and description of why points were deducted if score is less than 80%

Practice: 20% ( practice assignments, quizzes-quizzes are open notes)

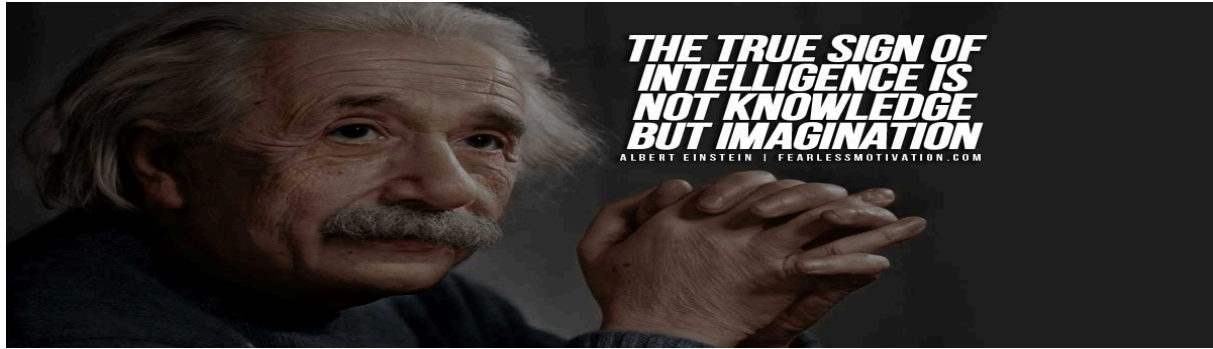
Performance: 50% (Tests and projects)

### Late work is better than no work!

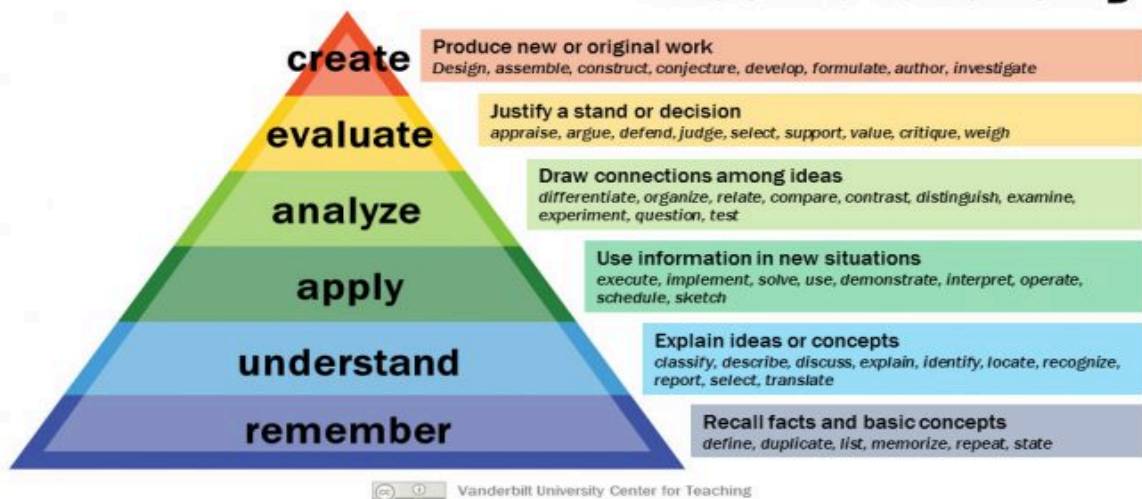
Late work will be accepted, but you will only receive 50% credit for late work. If you miss class, **it is your responsibility to make up for missed work**, which can be found on the google classroom or in the physical classroom You are allowed one day to make up for missing work, quizzes and tests.

\*\*After one day of due date, you will only receive half credit.

\*Early assignments in a unit will focus on vocabulary and recalling information. As the unit progresses, so will the rigor of assignments. It is expected that students will have enough knowledge on a topic to then understand, analyze, evaluate, and finally culminate in creating new or original work (see Bloom's Taxonomy below). I want to develop student's interest in science by fostering their creativity and sparking their curiosity. Students will be given options on how to present their knowledge and skills through the arts.



## Bloom's Taxonomy



## Class Expectations

1. One voice at a time- do not talk over teacher or other students and use the appropriate volume for class discussions
2. Be prepared for class-have your notebook everyday and something to write with
3. No phones or other personal devices allowed during class
4. Be kind, be helpful, be honest, and keep your hands to yourself
5. Do your best and stay on task

### Consequences for not following class expectations:

1st offense: redirection in class

2nd offense: private conversation with student to problem solve the issue

3rd offense: contact guardians to develop a plan of action to help the student get on track

4th offense: referral to administration for further disciplinary action

Please note: Any student who presents an immediate harm to themselves or another person will be sent to the office immediately as well as any egregious behaviors that cannot be solved within the classroom.

### Staying Connected

If you need assistance or help in any way...

Please email me at:

[tcunningham@paparts.org](mailto:tcunningham@paparts.org)

Office Hours: Please make an appointment as hours may vary

Everyone is a genius. But if you judge a fish on its ability to climb a tree, it will live its whole life believing that it is stupid.

-A Einstein



