



6th Grade Science



Class and Contact Information



Angela Young



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About me:

Welcome to 6th grade science with me, Mrs. Angela Young! This is my second year at Station Camp Middle School, but I still have a lot to learn about SCMS after last year being my first here. Just to tell you a little more about me, I have a bachelor's degree from Tennessee Tech University and a master's degree from Union University. Before I came to Station Camp Middle, I taught at Cheatham Middle School for several years. I have taught all subjects in 5th and 6th grade. A few of my favorite things are pugs, polka dots, and peanut butter. I am very excited to be a part of your middle school journey. We are going to have a great school year!

Course overview:

6th grade science is a combined course of study **physics, ecology, earth systems, and conservation** topics taught through a series of interconnected units. The program is designed to review science concepts and practices from earlier grades and strengthened them as the year progresses.

Science is not a subject, but rather a method of studying the world. Science is defined as **an organized way to gain knowledge about the natural world by observing and investigating**. Therefore, science is both a collection of knowledge *and* the process of discovering it.

Course Topics

Quarter 1	Quarter 2	Quarter 3	Quarter 4
Energy <ul style="list-style-type: none"> Forms of Energy Potential and Kinetic Energy Kinetic Energy and Mass Energy Transfer 	Ecosystems: Interactions, Energy, & Dynamics <ul style="list-style-type: none"> Environmental Variables Organism Interactions Energy Flow in Ecosystems Biotic and Abiotic Factors in Biomes Invasive Species Ecosystem Changes Organism Communication 	Earth's Systems <ul style="list-style-type: none"> Ocean Currents Convection Climate Organisms and Water Cycle Weather Data Air masses, fronts, and pressure 	Earth and Human Activity <ul style="list-style-type: none"> Renewable and nonrenewable resources Human Impact Biodiversity Stability

Supplies:

- Science **Binder** with four tabs/dividers: **Topic maps/Daily Science/ Notes/ Graded Papers** and Paper
- Vocabulary Notebook**
- Agenda**
- Pencil Pouch** with Pencil/Pen/Colors/Erasers/Glue

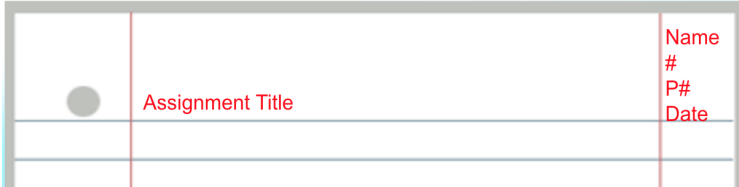
Grading: Students will be evaluated using a **variety of assessment techniques**, including tests, quizzes, lab assignments, readings, projects, and homework. The evaluation criteria are as follows:

Categories		Grading Scale	
Homework <small>(Formative Assessments)</small>	15%	A = 93-100	
Quizzes	30%	B = 85-92	
Assignments <small>(Minor)</small>	25%	C = 75-84	
Tests	30%	D = 70-74	F= 69 or below
NOTE: All grades are posted on Skyward. No extra credit is offered.			

Late Work:

Work is expected to be turned in on its due date. Long term projects will not be taken late. Classwork and homework will be taken up to two days late with a 10% penalty per day late (1 day= 10%; 2 days = 20%).

Absences From Class: If a student misses a class, it is **their own responsibility** to see the teacher to get their make up work. Students should first check the make up work bin. If they do not see anything, then ask teacher. (See student handbook for policy.)

Classroom Procedures	
At the beginning of class:	At the end of class:
<p>Entering the classroom (before the bell rings): You are TARDY if you are walking/running in the room when the bell rings. You have to be in your seat.</p> <ul style="list-style-type: none"> • Come into class quietly and sit in your assigned seat. • Look at the agenda board to see what we will cover in class that day and gather your notebook and any other supplies you may need to pick up. • Silently copy the agenda from the board into your planner/agenda/calendar. • Have homework on your desk, if it was assigned. • Sharpen your pencil if needed. • Silently work on Daily Science (DS): At the beginning of each day you will complete a short warm-up activity when you enter class each day. These activities include things such as vocabulary words, review questions, journal entries, or questions to introduce a topic. You will be given a short period of time after the bell to complete the assignment, but it should be started as soon as you enter the room so you can finish in a timely manner. • Wait for instructions. 	<p>Dismissal: Only begin packing up when told to do so. The bell does not dismiss the class; Mrs. Young dismisses the class. No one leaves the room while there is trash on the floor or desks out of place. Make sure your area is clean and picked up, and all your supplies are returned to the proper area. Your class may be held after the bell if the room is not put back in place.</p> <p><u>The area behind the front science table and items on my desk are off limits, as are the drawers and cabinets without my permission</u></p>
	Turning In Assignments:
	<p>The teacher will sometimes collect homework, group-work or individual work. You will turn these in only when the teacher asks for them. Make sure the assignment has your full name, your assigned class number, period number and date. This should be on the top margin of your paper.</p>
	

Classroom Rules	
BE RESPECTFUL, BE RESPONSIBLE, BE SAFE	
<ol style="list-style-type: none"> 1. <u>Listen to directions.</u> In science, there will be lots of times when special rules and procedures will apply. Not following these will result in a consequence and may result in alternative assignments. 2. Be respectful. This includes (but is not limited to) raising your hand to talk, keeping your hands and feet to yourself, using respectful language, and listening to others. 	<ol style="list-style-type: none"> 3. Leave the classroom as it was or better than you found it. Clean up after yourself. 4. Have all supplies, books, and homework necessary for each class each day. 5. Be alert and ready to learn. Pay attention. 6. No food or drink allowed in the classroom. No gum.
<p>Note: *We will follow all school rules and policies in the student handbook.*</p>	

Behavior	
Rewards	Consequences
<ul style="list-style-type: none"> • \$ Bison Bucks \$ • Verbal Praise • Treats/ Snacks • Free Time • Positive Reporting to Parents • Sense of self respect • Academic success 	<ul style="list-style-type: none"> • Verbal warning • Written warning • Detention <p>*refer to student handbook for further information regarding discipline*</p>