

Cosby Elementary School

6th grade Science 2026-2027 Syllabus

Part 1: Course Information

Instructor Information

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Course Description

In grade six, your child will (1) learn the concept of energy and different types of energy (2) learn about energy transfers in ecosystems (3) Consider the health of ecosystems and ties to biodiversity (4) extend previous work with water cycle as it pertains to Earth's hydrosphere and atmosphere (5) learn how identify climates and climate locations (6) develop an understanding of Earth and human activity

Textbook & Course Materials

- Elevate Science, Savvas Learning Company Grade 6
- 3-ring binder with dividers

Course Requirements

- *Come to class everyday with a good attitude and willingness to LEARN!*

Course Structure

- In science class we are going to learn in a variety of ways. We start a lesson with an investigation, then move onto some modeling/discussion with note-taking. Students then will have some guided practice. After practice we often use learning games to solidify the concepts we have practiced

Online Resources

Using Clever - Students can access the science online material as well as study island lessons and quizzes. Students can also access their Google Classroom assignments through Clever as well.

Part 2: Student Learning Outcomes**Energy**

- Apply and extend previous understandings of energy as it pertains to potential energy and kinetic energy
- Develop and understanding of thermal energy
- Apply and extend previous understandings energy and energy conservation

Ecosystems, Populations, and Energy

- Living things in the environment
- interactions in ecosystems
- energy flow in ecosystems

Ecosystem Health and Biodiversity

- Identify Terrestrial and Aquatic Ecosystem
- Identify and understand the benefits of biodiversity

Earth's hydrosphere and Atmosphere

- Identify atmospheric patterns and their effect on climate/weather
- Identify ocean patterns and their effect on climate/weather
- Identify and understand the water cycle

Earth's Climate

- Understand the heating of Earth's surface and effects on climate .
- Understand weather causes and conditions

Earth and Human Activity

- Learn the importance of managing Earth's resources responsibly
- Realizing the importance of conservation

You will meet the objectives listed above through a combination of the following activities in this course:

Explanation of Assignments:

- Assessments including quizzes over individual standards as well as unit tests.
- Classwork and homework are assignments that provide practice on individual skills.
- Math tasks require students to give in- depth explanations of their thinking as they engage in problem-solving.
- TNReady is the assessment given in the spring that tests the Tennessee Mathematics curriculum.

Syllabus

Part 3: Topic Outline/Schedule

1st 9 Weeks Energy

- **Energy**
 1. Energy Types
 2. Thermal Energy
- **Ecosystems, Populations and Energy**
 1. Environmental effects on population size
 2. Organism interactions
 3. Energy in ecosystems
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2nd 9 Ecosystems Health and Biodiversity

- **Biomes**
- **Invasive Species**
- **Biodiversity**
- **Atmospheric and Oceanic convection currents**
Water cycle

3rd 9 Weeks Earth's Climate and Human Activity

- **Factors that affect climate**
- **Local Weather**
- **Hydrologic Cycle**
- **Natural resources and human impact**

4th 9 Weeks Review

- Review
- TN Ready Test

6th Grade Mathematics 2019-2020

Part 4: Grading Policy

Graded Course Activities

Term 1	
Points	Description
50%	daily practice and lesson quizzes
50%	chapter tests, unit tests, benchmark tests
Term 2	
Points	Description
50%	daily practice and lesson quizzes
50%	chapter tests, unit tests, benchmark tests
Term 3	
Points	Description
50%	daily practice and lesson quizzes
50%	chapter tests, unit tests, benchmark tests
Term 4	
Points	Description
50%	daily practice and lesson quizzes
50%	chapter tests, unit tests, benchmark tests

***Example:** Be sure to pay close attention to deadlines—there will be no make up assignments or quizzes, or late work accepted without a serious and compelling reason and instructor approval.

Viewing Grades in ASPEN (optional)

Points you receive for graded activities will be posted to the ASPEN Grade Book. Click on the My Grades link on the left navigation to view your points.

***Include a statement about the timeframe of when to look for grades.**

Example: Your instructor will update the online grades each time a

grading session has been complete—typically X days following the completion of an activity. You will see a visual indication of new grades posted on your ASPEN home page under the link to this course.

Letter Grade Assignment

*Include an explanation between the relationship of points earned and final letter grade. **Example:** Final grades assigned for this course will be based on the percentage of total points earned and are assigned as follows:

Can modify to fit your own, but must follow the county policy overall.

Letter Grade	Percentage	Performance
A	93-100%	Excellent Work
A-	90-92%	Nearly Excellent Work
B+	87-89%	Very Good Work
B	83-86%	Good Work
B-	80-82%	Mostly Good Work
C+	77-79%	Above Average Work
C	73-76%	Average Work
C-	70-72%	Mostly Average Work
D+	67-69%	Below Average Work
D	60-66%	Poor Work
F	0-59%	Failing Work

Important note: For more information about grading at Channel Islands, visit the academic policies and grading section of the university catalog.

*Course Name

*School Year Syllabus

Part 5: Course Policies

Attend Class

Students are expected to attend all class sessions as listed on the course calendar.

- *Enter specific points regarding attendance policy here.

Participate

*If you monitor, track, and/or score student participation, explain how you will keep track and how often students should be accessing the course. If appropriate, mention that you will be using ASPEN tracking tool, discussions, chat sessions, and group work, to monitor their participation in the course.

Build Rapport

If you find that you have any trouble keeping up with assignments or other aspects of the course, make sure you let your instructor know as early as possible. As you will find, building rapport and effective relationships are key to becoming an effective professional. Make sure that you are proactive in informing your instructor when difficulties arise during the semester so that they can help you find a solution.

Complete Assignments

Assignments must be submitted by the given deadline or special permission must be requested from instructor *before the due date*. Extensions will not be given beyond the next assignment except under extreme circumstances.

All discussion assignments must be completed by the assignment due date and time. Late or missing discussion assignments will affect the student's grade.

Incomplete Policy

Under emergency/special circumstances, students may petition for an incomplete grade. An incomplete will only be assigned if [*insert condition here]. All incomplete course assignments must be completed within [*insert timeframe here].

Academic Dishonesty Policy

This is an example only:

- 1. Academic dishonesty includes such things as cheating, inventing false information or citations, plagiarism and helping someone else commit an act of academic dishonesty. It usually involves an attempt by a student to show possession of a level of knowledge or skill that he/she does not possess.**
- 2. Teachers have the initial responsibility for detecting and dealing with academic dishonesty. Instructors who believe that an act of academic dishonesty has occurred are obligated to discuss the matter with the student(s) involved. Instructors should possess reasonable evidence of academic dishonesty. However, if circumstances prevent consultation with student(s), instructors may take whatever action (subject to student appeal) they deem appropriate.**
- 3. Teachers who are convinced by the evidence that a student is guilty of academic dishonesty shall assign an appropriate academic penalty. If the teachers believe that the academic dishonesty reflects on the student's academic performance or the academic integrity in a course, the student's grade should be adversely affected. Suggested guidelines for appropriate actions are: an oral reprimand in cases where there is reasonable doubt that the student knew his/her action constituted academic dishonesty; a failing grade on the particular paper, project or examination where the act of dishonesty was unpremeditated, or where there were significant mitigating circumstances; a failing grade in the course where the dishonesty was premeditated or planned.**

Student Testing Code of Ethics and Security

It is important for you as a student to know that the following guidelines are to be strictly followed. This year the TNReady test will count at least 10% of your final semester grade. Your work on this test is very important and it deserves your best effort.

I understand that during testing on the days of the assessment, I am responsible for:

- Not having any electronic devices on me or in my purse/backpack/pockets
 - Including but not limited to cell phones, smart phones, smart watches, etc. **during testing or during breaks.**
 - Best practice is for students to leave devices at home or in their lockers on the day of testing.
 - If I am caught with a device during testing or during breaks, my test may be nullified, resulting in a zero as at least 10% of my final semester grade, and any school level disciplinary action as deemed appropriate by the administration.
- Trying my best on the test
 - If I do not attempt to test (I give **no answers or randomly answer** questions) my test score may be nullified, resulting in a zero as at least 10% of my final semester grade, and any school level disciplinary action as deemed appropriate by the administration.
 - The testing administrators and proctors in the testing environment will determine if no answers or random answering is taking place.
 - I will focus and put forth effort on the test.
- Being honest and not cheating
 - If I am caught cheating (taking pictures of the test, writing down and passing answers, talking to other students, looking on other computers, using software outside the testing platform), my test may be nullified, resulting in a zero as at

least 10% of my final semester grade, and any school level disciplinary action as deemed appropriate by the administration.

Important Note: Any form of academic dishonesty, including cheating and plagiarism, may be reported to the office of student affairs.

Course policies are subject to change. It is the student's responsibility to check for corrections or updates to the syllabus. Any changes will be posted in the classroom.