

7th Grade Science

Syllabus 2025-2026



Teacher Name: Kristal Rose

Email address: krose@gcboe.us

Note:

Please keep in mind that things change unexpectedly from time to time throughout the school year. Some of the following policies may change or may not be applicable as we go through this school year. Your patience in this matter is appreciated!

Teacher Schedule:

Homeroom	7:40-7:50 am
1st Period (RTI)	7:55-8:40 am
2nd Period	8:45- 9:50 am
3rd Period	9:55-11:00 am
4th Period and Lunch (11:45-12:10)	11:05-12:35 pm
5th Period	12:40-1:45 pm
6th Period-Activity	1:50-3:00 pm Early Buses-1st Bell (2:55pm) Walkers, Car riders and Late Buses -2nd Bell

Classroom Rules and Expectations/Discipline Policy:

Classroom Rules:

1. Be on time! (students should use the bathroom, go to the water fountains and go to their lockers before the class bell rings)
2. Be Ready! (have paper, pencil, charged Chromebook , textbook, and appropriate supplies in class each day!)
3. Be Responsible! (have assignments and supplies (including book, notebook and chromebook), follow classroom procedures, proper manners, and appropriate attitude-- follow dress code)

4. Be Respectful! (no bullying!! This includes teasing, cursing or harassing any other person)
5. Students will not be allowed to have cell phones on their person during instructional time.
6. If you make a mess, clean it up!

Consequences:

1. Warning
2. Lunch detention. (Students will be required to eat alone.)
3. Students may be sent to the office. (ISS, OSS, Alternative School, or paddling may be assigned)
4. Students may be omitted from classroom activities, Bobcat time, field trips, or other rewards.

Rewards:

1. Verbal acknowledgement.
2. Self satisfaction.
3. A predetermined reward. (movie, free time outside, special privileges during lunch, the opportunity to purchase items from snack machines, trips, etc.)

Course Expectations:

1. Participation is a must! Students should listen attentively, take notes, AND ask questions.
2. Idleness will not be acceptable. Students should use their time effectively, and stay focused.
3. Ask for help when you get stuck! I am more than willing to help.
4. I expect everyone to try, try, and TRY. You accomplish more when you try.
5. I expect everyone to come to class prepared and take pride in their work.
6. Cell phones will NOT be used during class time.
7. Respect your neighbors. Treat them the same as how you would want to be treated.

Grading Policy:

Zeroes are **not** acceptable.

1. **Classwork/Homework:** It will be my goal to get most work done in class. Any class work not completed will be taken home to be finished and turned in the next day. This may include things like finishing vocabulary, finishing journal work, or occasionally worksheets. Therefore, if your child is a slow worker, they will have more work to

complete at home. If it is not turned in at the required time, **10** points will be deducted for each day that it is late.

2. **Tests:** Tests will be given at the end of the chapter, or topic. Students will be required to make up all missed tests in a timely manner.
3. **Progress Reports:** Progress reports will be sent home at the mid-nine weeks point, or sooner if an unacceptable pattern seems to appear.

Grading Scale:

A -> 90-100

B -> 80-89

C -> 70-79

D -> 60-69

F -> 60 and below

Parents will be allowed to check Synergy as often as you like to check on the student's grades in Science. You will need to call the school office to receive instructions and possibly a code.

Make-up Work Policy:

Students are responsible for making up any assignments missed due to absence. **The teacher is not responsible for asking a student for missed work. Students must ask for missed assignments the day they return to school, and they are given two days for each day missed to complete make-up work.** It is the responsibility of the student to check their Google Classroom for work completed in class.

Classroom Supply List:

Pencils (several)

Composition book (one will be provided by the teacher)

Highlighters, Gluesticks and Scissors (Optional)

Major Assignments and Field Trips (if applicable):

All assignments will be considered major as they will serve as practice in maintaining and displaying newly acquired knowledge, in building stamina to drive future possibilities, and in preparation of state mandated tests.

Topics	Time Frame	Standards	Major Topics/Concepts
Topic 1 Introduction to Matter	Weeks 1-3 Q1	7.PS1.1 7.PS1.2	In this topic, students will argue from evidence whether two substances are chemically different. They will construct explanations to relate particle and bulk properties. • Describing and Classifying Matter

			Physical Properties of Matter
Topic 2 Solids, Liquids, and Gases	Weeks 4-7 Q1	7.PS1.3	In this topic, students will develop and use models to describe the behavior of atoms and molecules in different states of matter. Students will predict changes in matter that occur in response to changes in natural or designed systems. - States of Matter - Changes of States
Topic 3 Chemical Reactions	Weeks 8-11 Q1-Q2	7.PS3.1 7.PS3.2 7.PS1.4	In this topic, students will analyze data about the properties of substances before and after an interaction to determine if there has been a chemical change. - Chemical Change - Modeling Chemical Reactions
Topic 4 Living Things in the Biosphere	Weeks 11-14 Q2	7.LS1.2	In this topic, students will obtain information that explains that all living things are made of cells. Students use this information to understand the forms and functions of uni- and multi- cellular organisms, then apply this information to understand how these different forms support the functions of each organism type. - Living Things - Bacteria, Protists, and Fungi - Plants and Animals
Topic 5 Cells	Weeks 15-18 Q2	7.LS1.1	In this topic, students will conduct an investigation to provide evidence that living things are made of cells. They will develop and use models to describe the function of a cell as a whole made up of smaller parts. - Structure and Function of Cells - Cell Structures - Obtaining and Removing Materials

Chapter	Time Frame	Standards	Major Topics/Concepts
Topic 6 Body Systems	Weeks 19-21 Q3	7.LS1.3 7.LS1.5 7.ETS1.1	In this topic, students will use arguments supported by evidence for how the body is a system of interacting subsystems. They will gather and synthesize information about how sensory receptors send messages to the brain for both immediate behavior or memory storage. - Body Organization - Systems Interacting - Supplying Energy - Managing Materials - Controlling Processes

Topic 7 Reproduction, Growth, and Development	Weeks 22-25 Q3	7.LS1.3 7.LS1.4 7.LS1.6	In this topic, students investigate how organisms grow and reproduce, develop an understanding of how genetic information is passed to offspring and can result in genetic variation. • Patterns of Reproduction • Factors Influencing Growth • Reproduction and Human Development
Topic 8 Genes and Heredity	Weeks 26-28 Q3	7.LS3.1 7.LS3.2 7.LS3.3	In this topic, students will investigate how inherited traits are passed from parents to offspring and develop models to explain factors affecting inheritance and genetic variation. • Patterns of Inheritance • Chromosomes and Inheritance • Trait Variation
Topic 9 Matter and Energy in Ecosystems	Weeks 29-31 Q4	7.LS1.7 7.LS2.1	In this topic, students explore factors that make up ecosystems and that affect population sizes. They discover how energy flows and how matter cycles within ecosystems. • Energy Flow in Ecosystems • Cycles of Matter

Student Signature: _____ **Date:** _____

Parent/Guardian Signature: _____ **Date:** _____