

**7<sup>th</sup> GRADE Science SYLLABUS**  
**Mrs. Jessica Freeman**  
**Del Rio Elementary School - DRES**

Contact Information: Email: freemanj@cocke.k12.tn.us Phone: 423-487-5570 Room: 114 School Hours: M - F 8:00 am – 3:45 pm Tutoring Hours: TBD		
Teacher Pages: <a href="#">STUDENT HANDBOOK</a>   <a href="#">School Board Policy-Students</a>   <a href="#">Daily Agenda &amp; After School STEM LAB</a>		
Course Description: <a href="#">Grade 7 SCIENCE curriculum follows TN Science Standards</a>		
<b>Topic Outline/Schedule</b>		
Unit	Standards	Chapter & Lessons Cvd.
Atoms, Molecules, and Mixtures	PS1.1 (27-32%) PS1.2 PS1.3	<b>Ch 1 Matter &amp; Atoms</b> L1.1-Substances & Mixtures L1.2-Structure of Atoms
States of Matter	PS1.6	<b>Ch3 States of Matter</b> L3.1-Solids, Liquids, & Gases L3.2-Changes in State L3.3-The Behavior of Gases
Physical and Chemical Properties	PS1.5	<b>Ch2 Matter: Prop &amp; chgs</b> L2.1-Matter & Its Properties L2.2-Matter and Its Changes
Law of Conservation of Mass	PS1.4	<b>Ch4 Chemical Reactions/Equations</b> L4.1-Understanding Chemical Reactions L4.2-Types of Chemical Reactions L4.3-Energy Changes & Chemical Reactions
<b>1<sup>st</sup> Cumulative Benchmark</b> <span style="float: right;">Covering all content to this point</span>		
Cells Unit	LS1.1 (59-64%) LS1.2 LS1.3	<b>Ch5 Cell Structure &amp; Function</b> L5.1-Cells & Life L5.2-The Cell L5.3-Moving Cellular Material L5.4-Cells & Energy
Multicellular Organisms	LS1.4 (59-64%) LS1.5	<b>Ch6 From Cell to an Organism</b> L6.1-The Cell Cycle & Cell Division L6.2-Levels of Organization <b>Ch7 Human Body Systems</b> L7.1-Transport & Defense L7.2-Structure, Mvmt, Control L7.3-Reproduction and Development
<b>2<sup>nd</sup> Cumulative Benchmark</b> <span style="float: right;">Covering all content to this point</span>		
Cycling of Matter	LS1.9 (59-64%) LS2.1	<b>Chapter 12</b> L12.1-Abiotic Factors L12.2-Cycles of Matter L12.3-Energy in Ecosystems
Reproduction Mitosis and Meiosis	LS1.6 (59-64%) LS1.7 LS1.8 (59-64%) LS3.2	<b>Ch8-Reproduction of Organisms</b> L8.1-Sexual Reproduction and Meiosis L8.2-Asexual Reproduction <b>Ch9-Plant Processes &amp; Reproduction</b> L9.1-Energy Processing in Plants L9.2-Plant Responses L9.3-Plant Reproduction <b>Ch10-Animal Behavior &amp; Reproduction</b> L10.1-Types of Behavior L10.2 Interacting w/Others L10.3-Animal Reproduction/Development
Heredity	LS3.3 (59-64%) LS3.1	<b>Ch11-Genetics</b> L11.1-Mendel & His Peas L11.2-Understanding Inheritance L11.3-DNA & Genetics
Biomaterials	ETS2.1 (0-9%)	<b>Scientific Explanations Pre-Chapter</b> L1-Understanding Science

		L2-Measurement & Scientific Tools L3-Case Study: Biodiesel from Microalgae
Earth's Atmosphere and Climate	ESS3.1 (9-11%) ESS3.2	<b>Ch13-Our Planet</b> L13.1-Earth's Systems L13.2-Interactions of Earth's Systems
<b>Final Comprehensive Benchmark</b>	<b>Covering all content</b>	

**Materials:** Students are expected to bring appropriate materials to each class. Please refer to the Supplies/Wish List  
 No pens! Please use pencils only. Feel free to highlight when needed.

**Classroom Rules:** Be Respectful, Be Responsible, Be Safe, Be Ready!!!!

The **MAIN Classroom Rule** is posted on the bulletin board. The RULE is based on a foundation of Respect. Every inappropriate behavior can fall under disrespect. The progression of consequences if the rule is not followed:

1. Verbal warning
2. Lunch Detention
3. Loss of reward
4. Complete goal sheet (parent asked to sign and return)
5. Parent/Teacher Conference
6. Office Referral

\*\*In some cases some or all of these steps may be skipped depending on the level of the offense.

**Homework:** Homework is an important part of learning, mastering, and reinforcing math & science concepts. Occasionally we will have homework. Rules and consequences will be strictly enforced.

**Missed Work:** Daily assignments will be posted to the classroom agenda on the school website. I will record lessons when a student is absent and post those for their convenience to the day's assignment in google classroom. It will be the student's responsibility to complete that work and ask questions if needed.

[Attendance Policy](#)

**Grading:** We follow the District Grading Policy. The grading scale is as follows:

- 100% - 90% - A
- 89% - 80% - B
- 79% - 70% - C
- 69% - 60% - D
- 59% or below - F

**Important Policies:** *Read over and be aware.*

- [Student Code of Conduct](#)
- [Student Rights/Responsibilities](#)
- [Interference/Disruption of School](#)
- [Zero Tolerance](#)
- [Dress Code](#)

**Redo and Retake**

Students are always able to redo incorrect items for partial credit. Students should take good notes. Sometimes, I let them use their notes on quizzes and tests.

*\*This does NOT apply to Interim/Diagnostic Tests*

**Technology:** iPads/Chromebooks will be issued as needed to the students and used in the classroom for educational purposes.

Students are responsible for the device they have checked out and held accountable for sites visited, cleanliness, and care of the device.

**REFER TO THE ACCEPTABLE USE POLICY!!!**

**Personal electronic devices/phones are prohibited in the classroom unless specified by the teacher!!**

[See Electronic Device Policy](#)

**(Keep in backpack at all times turned OFF)**

- 1<sup>st</sup> time collected for a week.
- 2<sup>nd</sup> time collected for a month.
- 3<sup>rd</sup> time collected for the remainder of the school year.

**NO EXCEPTIONS DON'T ASK...NONE**

**Consider this your WARNING!!!**

**\*\*\*\*STUDENTS WILL SIGN A CELL PHONE POLICY AGREEMENT\*\*\*\***

**Plagiarism/Academic Integrity:** Academic integrity is expected on all assignments. Plagiarism is defined as presenting the work of another as one's own.

Cheating on an assignment or assessment is another activity that violates ethics and school rules.

Any work that exhibits cheating/plagiarism will result in a zero, parental notification, and disciplinary action may be taken.