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

		Information:		
		nj@cocke.k12.tn.us		
		423-487-5570		
Room: 114 School Hours: M - F 8:00 am – 3:45 pm Tutoring Hours: TBD				
Course Description: Grade 7 SCIENCE curriculum follows TN Science Standards Topic Outline/Schedule				
Unit	Standards	Chapter & Lessons Cvd.		
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Atoms, Molecules, and Mixtures	PS1.1 (27-32%)	Ch 1 Matter & Atoms		
	PS1.2	L1.1-Substances & Mixtures		
States of Matter	PS1.3	L1.2-Structure of Atoms		
States of Matter	PS1.6	Ch3 States of Matter		
		L3.1-Solids, Liquids, & Gases L3.2-Changes in State		
		L3.3-The Behavior of Gases		
Physical and Chemical Properties	PS1.5	Ch2 Matter: Prop & chgs		
rifysical and Chemical Properties	F31.5	L2.1-Matter & Its Properties		
		L2.2-Matter and Its Changes		
Law of Conservation of Mass	PS1.4	Ch4 Chemical Reactions/Equations		
Law of Conservation of iviass	131.4	L4.1-Understanding Chemical Reactions		
		L4.2-Types of Chemical Reactions		
		L4.3-Energy Changes & Chemical Reactions		
1 st Cumulative Benchmark	Covering all content to this point			
Cells	LS1.1 (59-64%)	Ch5 Cell Structure & Function		
Unit	LS1.2	L5.1-Cells & Life		
	LS1.3	L5.2-The Cell		
		L5.3-Moving Cellular Material		
		L5.4-Cells & Energy		
Multicellular Organisms	LS1.4 (59-64%)	Ch6 From Cell to an Organism		
, and the second	LS1.5	L6.1-The Cell Cycle & Cell Division		
		L6.2-Levels of Organization		
		<u>Ch7 Human Body Systems</u>		
		L7.1-Transport & Defense		
		L7.2-Structure, Mvmt, Control		
		L7.3-Reproduction and Development		
2 nd Cumulative Benchmark	Covering all content to this point			
Cycling of Matter	LS1.9 (59-64%)	Chapter 12		
	LS2.1	L12.1-Abiotic Factors		
		L12.2-Cycles of Matter		
		L12.3-Energy in Ecosystems		
Reproduction	LS1.6 (59-64%)	Ch8-Reproduction of Organisms		
Mitosis and Meiosis	LS1.7	L8.1-Sexual Reproduction and Meiosis		
	LS1.8 (59-64%)	L8.2-Asexual Reproduction		
	LS3.2	Ch9-Plant Processes & Reproduction		
		L9.1-Energy Processing in Plants		
		L9.2-Plant Responses L9.3-Plant Reproduction		
		Ch10-Animal Behavior & Reproduction		
		L10.1-Types of Behavior		
	1	110.2 Interacting w/Others		

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

L10.2 Interacting w/Others

L11.1-Mendel & His Peas

L1-Understanding Science

L11.3-DNA & Genetics

L11.2-Understanding Inheritance

Scientific Explanations Pre-Chapter

Ch11-Genetics

L10.3-Animal Reproduction/Development

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.

LS3.3 (59-64%)

ETS2.1 (0-9%)

LS3.1

Classroom Rules: 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

Heredity

Biomaterials

- 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

Dress Code

Important Policies: Read over and be aware. **Student Code of Conduct** Student Rights/Responsibilities **Interference/Disruption of School** Zero Tolerance

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)

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

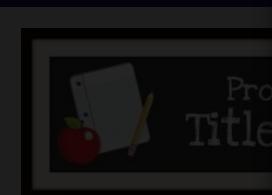
NO EXCEPTIONS DON'T ASK...NONE Consider this your WARNING!!! ****STUDENTS WILL SIGN A CELL PHONE POLICY AGREEMENT****

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.





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