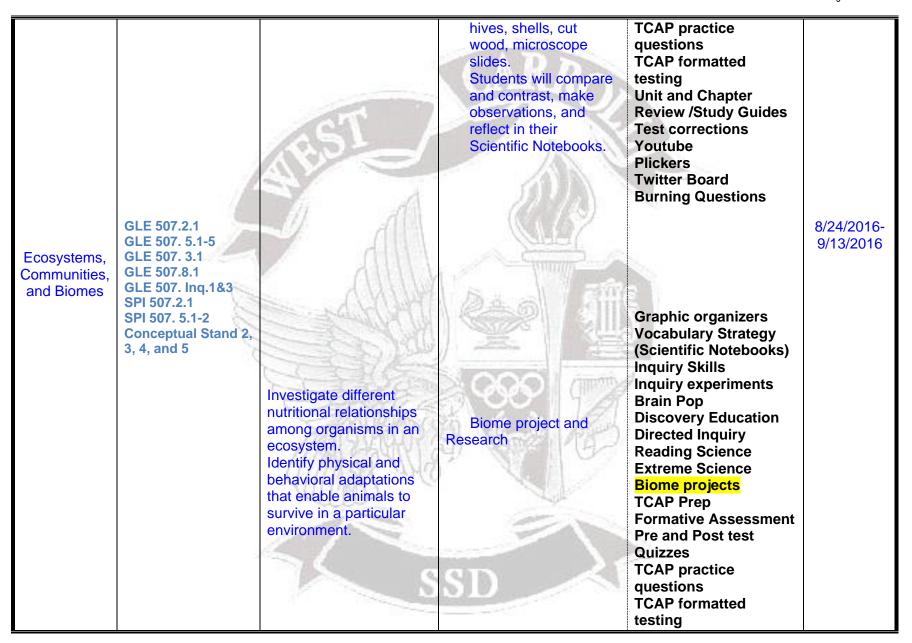
## West Carroll Special School District Instructional Plan/Pacing Guide, 2016-2017

Teacher	Lori McClain		Co-Teacher: NA			
Subject	Science		Grade Level: 5 <sup>TH</sup> Grade			
Unit	TN Standard #	Major Topics and	Major Activities	Assessing Student Mastery	Pacing	
Title	ACT Standard # (When Applicable)	Concepts Addressed	Assignments Field Trips	What student generated product will demonstrate that he/she has met the learning expectation?	(Beginning and ending dates of instruction)	
Scientific Method Organizing Scientific Notebooks Science safety and rules	GLE 507. Inq.1-4 SPI. 507. Inq.1 507. T/E .1-4 SPI. 507. T/E 1-2 The standards will be used all year long.	Problem solving, making observations, and higher order of thinking. Working in groups, labs, and experiments. Expectations during class and science experiments.	"Eating a Candle" For each class I set up a Zero Bar to look like a candle and put a peanut in the top. Then I set that peanut on fire and eat it. The students have to make a detailed observation about what they saw, what they think it is, and why they think it is what whey think.	Scientific Method quiz Verbal quiz over tools Scientific notebook review, reflect, and question.	8/5/2016- 8/9/2016	
Organization of Living Things	GLE 507.1.1 GLE 507.5.1 SPI 507. 1.1-2 GLE 507. Inq.5 & 3 GLE 507. T/E 1-2 Conceptual Strand 1 and 5	Identifying parts of the plant and animal cells. Distinguish between the basic structures and functions, of plant and animals cells.	Make an animal cell out of hair gel and a Ziploc bag.	Graphic organizers Vocabulary Strategy (Scientific Notebooks) Inquiry Skills Inquiry experiments Brain Pop Discovery Education Plickers Tweet Board Burning Questions Zip Grade Directed Inquiry Reading Science	8/10/2016- 8/16/2016	

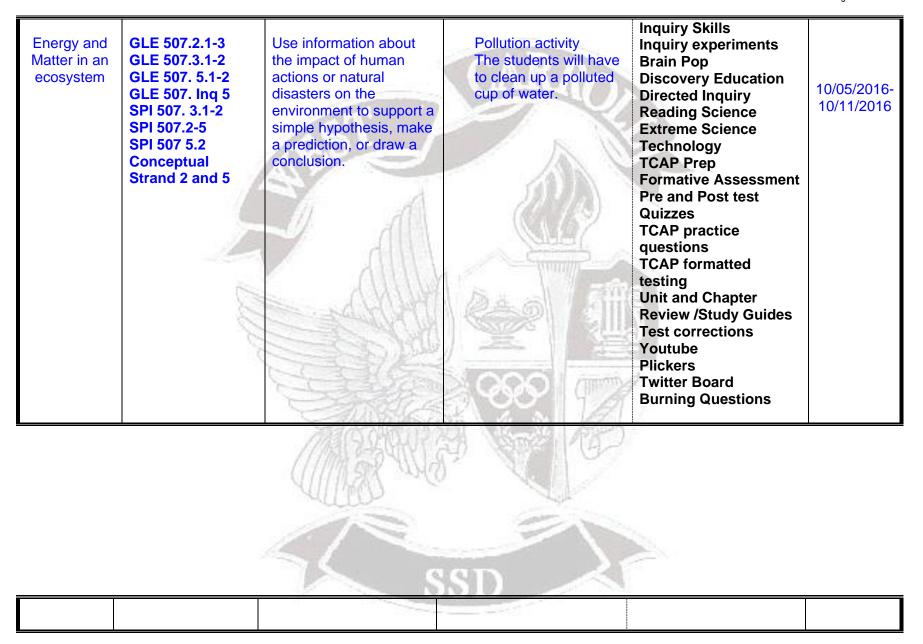
		TIST A	CARO	Extreme Science Technology TCAP Prep Brain Pop and Quizzes Formative Assessment Pre and Post test Quizzes TCAP practice questions TCAP formatted testing Unit and Chapter Review /Study Guides Test corrections Science Raps and chants Youtube TED TV	
Organization of Living Things	GLE 507.1.1 GLE 507.5.1 SPI 507. 1.1-2 GLE 507. Inq.5 & 3 GLE 507. T/E 1-2 Conceptual Strand 1 and 5	Classifying animals and organizing them into specific groups. Identifying animals groups.	2 Day observation station that has ceramic prints of various animals paws, claws, and feet prints. Another station has turtle shells of various sizes. Snake skins, crocodile head, bees nest, bee	Graphic organizers Vocabulary Strategy (Scientific Notebooks) Inquiry Skills Inquiry experiments Brain Pop Discovery Education Directed Inquiry Reading Science Extreme Science Technology TCAP Prep Formative Assessment Pre and Post test Quizzes	8/17/2016- 8/23/2016



		ST	CARRO	Unit and Chapter Review /Study Guides Test corrections	
Ecosystems, Communities, and Biomes	GLE 507.2.1-3 GLE 507.3.1-2 GLE 507. 5.1-2 GLE 507. Inq 5 SPI 507.3.1-2 SPI 507.2-5 SPI 507 5.2 Conceptual Strand 2 and 5	Describe the interactions, relationships, food webs, and food chains in an ecosystem. Identify the impact that humans have on our environment and ecosystems.	Outside food hunt for predator and prey. Food Chain Stacking Cups Popsicle stick stack up Foldable and build a balanced Ecosystem.	Graphic organizers Vocabulary Strategy (Scientific Notebooks) Inquiry Skills Inquiry experiments Brain Pop Discovery Education Directed Inquiry Reading Science Extreme Science Technology TCAP Prep Formative Assessment Pre and Post test Quizzes TCAP practice questions TCAP formatted testing	9/14/2016- 9/21/2016

		STEST	CARO	Unit and Chapter Review /Study Guides Test corrections Youtube Plickers Twitter Board Burning Questions	
Energy and Matter in Ecosystems	GLE 507.2.1-3 GLE 507.3.1-2 GLE 507. 5.1-2 GLE 507. Inq 5 SPI 507.3.1-2 SPI 507.2-5 SPI 507 5.2 Conceptual Strand 2 and 5	Distinguish among symbiotic, mutualistic, commensals, and parasitic relationships.	Monsters inside me!	Graphic organizers Vocabulary Strategy (Scientific Notebooks) Inquiry Skills Inquiry experiments Brain Pop Discovery Education Directed Inquiry Reading Science Extreme Science Technology TCAP Prep Formative Assessment Pre and Post test Quizzes TCAP practice questions TCAP formatted testing	9/22/2016- 9/27/2016

		ST	CARRO	Unit and Chapter Review /Study Guides Test corrections Youtube Plickers Twitter Board Burning Questions	
Energy and Matter in Ecosystems	GLE 507.2.1-3 GLE 507.3.1-2 GLE 507. 5.1-2 GLE 507. Inq 5 SPI 507.3.1-2 SPI 507.2-5 SPI 507 5.2 Conceptual Strand 2 and 5	Factors that affect an ecosystem. Explain who fossils provide information from the past.	Matrix activity digging fossils out from Coon Creek where TN was once part of the ocean. Students will get to dig and keep their own fossils.	Vocabulary Strategy (Scientific Notebooks) Inquiry Skills Inquiry experiments Brain Pop Discovery Education Directed Inquiry Reading Science Extreme Science Technology TCAP Prep Formative Assessment Pre and Post test Quizzes TCAP practice questions TCAP formatted testing Unit and Chapter Review /Study Guides Test corrections Youtube Plickers Twitter Board Burning Questions	9/28/2016- 10/4/2016
				Vocabulary Strategy (Scientific Notebooks)	



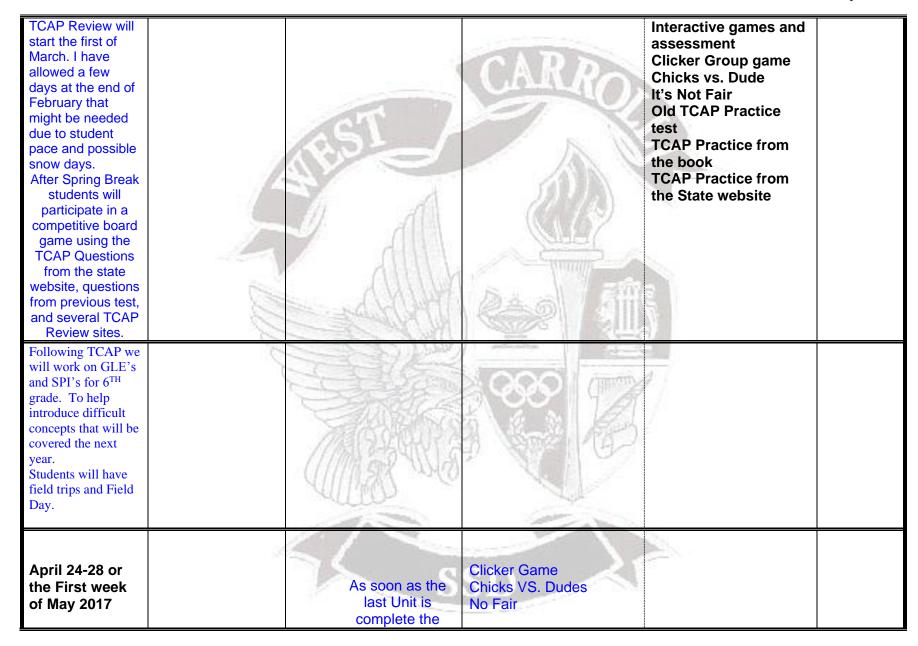
Traits of Living Things	GLE 507. 4.1-2 GLE 507.lnq.1&4 GLE 507 T/E 1 SPI 507.4.2-3 Conceptual Strand 4	Distinguish between inherited traits and those that can be attributed to the environment. Recognize that information is passed from parents to offspring during reproduction.	Trait Babies Plant Adaption observation	Vocabulary Strategy (Scientific Notebooks) Inquiry Skills Inquiry experiments Brain Pop Discovery Education Directed Inquiry Reading Science Extreme Science Technology TCAP Prep Formative Assessment Pre and Post test Quizzes TCAP practice questions TCAP formatted testing Unit and Chapter Review /Study Guides Test corrections Youtube Plickers Twitter Board Burning Questions	10/12/2016- 10/27/2016 -
Exploring Space	GLE 507.6.1-3 GLE 507 Inq.1, 5, & 6 SPI 507. 6/1-3 SPI. 507.7 1 Conceptual Strand 6	Distinguish among the planets according to their known characteristics such as appearance, location, composition, and apparent motion.	Fear Factor Review Day Walk through the planets activity Create a Star Chart/Star Observations Two days before Thanksgiving Physics Introduction	Vocabulary Strategy (Scientific Notebooks) Inquiry Skills Inquiry experiments Brain Pop Discovery Education Directed Inquiry Reading Science Extreme Science Technology TCAP Prep	10/28/2016- 11/22/2016

		STER A	CARRO	Formative Assessment Pre and Post test Quizzes TCAP practice questions TCAP formatted testing Unit and Chapter Review /Study Guides Test corrections Youtube Plickers Twitter Board Burning Questions	
Earth's structure	GLE 507.7.1 GLE 507. 6.1 GLE 507. Inq 3, 2, & 6 SPI 507. 7.1 Conceptual Strand 7	Identifying what makes up Earth's Structures. Compare geologic events responsible for the Earth's major geological features. Describe internal forces such as volcanoes, earthquakes, faulting, and plate movements that are responsible for the earth's major geological features such as mountains, valleys, etc.	Layers of the Earth Project Plate tectonics Projects	Vocabulary Strategy (Scientific Notebooks) Inquiry Skills Inquiry experiments Brain Pop Discovery Education Directed Inquiry Reading Science Extreme Science Technology TCAP Prep Formative Assessment Pre and Post test Quizzes TCAP practice questions TCAP formatted testing Unit and Chapter Review /Study Guides Test corrections Youtube Plickers	11/28/2016- 12/20/2016

				Twitter Board Burning Questions	
Weather and Climate	GLE 507.8.1-4 SPi 507. 8.1-4 Conceptual Strand 8	Describe the Effects of the Ocean on weather and climate. Explain how mountains affect weather and climate.	I got a grant for Robots to use in my classroom that are coming for 2 months during January and February. They run off the chrome books. Lessons will vary during these next two months.	Vocabulary Strategy (Scientific Notebooks) Inquiry Skills Inquiry experiments Brain Pop Discovery Education Directed Inquiry Reading Science Extreme Science Technology TCAP Prep Formative Assessment Pre and Post test Quizzes TCAP practice questions TCAP formatted testing Unit and Chapter Review /Study Guides Test corrections Youtube Plickers Twitter Board	01/3/2017- 1/18/2017
Properties of Matter	GLE 507.9.2.1-3 SPI 507. 9.1-3 Conceptual Strand 9	Identifying what matter is in relation to the world around us. Distinguish between physical and chemical properties.	Slime, Chocolate, and Tie- dyed shirt day.	Vocabulary Strategy (Scientific Notebooks) Inquiry Skills Inquiry experiments Brain Pop Discovery Education Directed Inquiry Reading Science Extreme Science	01/18/2017- 2/2/2017

		SIEST	CARRO	Technology TCAP Prep Formative Assessment Pre and Post test Quizzes TCAP practice questions TCAP formatted testing Unit and Chapter Review /Study Guides Test corrections Youtube Plickers Twitter Board Burning Questions	
Energy	GLE 507.10. 1-5 SPI 507. 10. 1-2 Conceptual Strand 10	Differentiate between Potential and Kinetic energy. Determine the method by which heat energy is transferred from one object or material to another	Roller Coaster Day Energy stations with various skills that they have to complete. Conduction, convection, and radiation stations Potential and kinetic energy heat transfer stations	Vocabulary Strategy (Scientific Notebooks) Inquiry Skills Inquiry experiments Brain Pop Discovery Education Directed Inquiry Reading Science Extreme Science Technology TCAP Prep Formative Assessment Pre and Post test Quizzes TCAP practice questions TCAP formatted testing	2/03/2017- 002/16/2017

		ST	CARRO	Unit and Chapter Review /Study Guides Test corrections Youtube Plickers Twitter Board Burning Questions	
Forces, Motion, and Work	GLE 507.11.1-3 SPI 507. 11.1 GLE 507. 12.1-3 SPI 507 12.1-3 Conceptual Strand 11 and 12	Determine how shape affects the rate at which a material falls to earth. Explain relationships that exist among mass, force, and distance traveled. Recognize that earth attracts objects without touching them.	Potential and Kinetic Energy Poppers Design a Roller Coaster and Identify Potential and Kinetic energy	Vocabulary Strategy (Scientific Notebooks) Inquiry Skills Inquiry experiments Brain Pop Discovery Education Directed Inquiry Reading Science Extreme Science Technology TCAP Prep Formative Assessment Pre and Post test Quizzes TCAP practice questions TCAP formatted testing Unit and Chapter Review /Study Guides Test corrections Youtube Plickers Twitter Board Burning Questions	2/17/2017- 3/6/2017



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