# Colquitt County 3rd Grade Science Pacing Guide SY 20-21

Grading Timeline	1st -9 Weeks	2nd- 9 Weeks	3rd-9 Weeks	4th- 9 Weeks
Progress Report Window Open	9/2-9/9	11/4-11/11	1/29-2/5	4/15-4/22
Progress Reports Home	9/14	11/16	2/10	4/27
Report Card Window Open	10/1-10/8	12/9-12/17	3/8-3/15	5/17-5/26
Report Card Home	10/13	1/7	3/19	5/26

GRADE	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May
3	Intro into Engineed Design Process (EI) -What is a Scienticular-Intro into journal how scientist use -Regions-which so found and why -Fossils found in coregions	DP) st ls and journals bil is	Habitat-some colder than others Some plants and animals thrive in different climates Move to physical		Habitat-some colder than others Some plants and animals thrive in different climates Move to physical		Cor ls tes (pu	Pollution and Conservation  (pullback in regions, soil, etc.		
Standards	S3L1c,S3E1 a,b,c,s b,c S3L1. Obtain, evaluat communicate inform about the similarities differences between animals, and habitats within geographic reg Ridge Mountains, Pie Coastal Plains, Valley and Appalachian Plate	te, and ation and plants, found gions (Blue dmont, and Ridge,	S3L1 a,b, c,S3P1 a, b,c S3L1. Obtain, evaluate, and communicate information about the similarities and differences between plants, animals, and habitats found within geographic regions (Blue Ridge Mountains, Piedmont, Coastal Plains, Valley and Ridge, and Appalachian Plateau) of Georgia.		S3L1 a,b, c,S S3L1. Obtain, communicate about the simi differences be animals, and h within geograp Ridge Mounta Coastal Plains, and Appalachi Georgia.	evaluate, and information larities and tween plants, abitats found ohic regions (Blins, Piedmont, Valley and Rid	s3L2 com abor (air, hum ue a. A info	2 a,b 2. Obtain, evaluation and care and the effects of land, and water and on the envious questions to reaction and creation and effect and ef	mation pollution ) and ronment. collect ate records its of	

Georgia.

- c. Use evidence to construct an explanation of why some organisms can thrive in one habitat and not in another.
   S3E1. Obtain, evaluate, and communicate information about the physical attributes of rocks and soils.
- a. Ask questions and analyze data to classify rocks by their physical attributes (color, texture, luster, and hardness) using simple tests. (Clarification statement: Mohs scale should be studied at this level. Cleavage, streak and the classification of rocks as sedimentary, igneous, and metamorphic are studied in sixth grade.)
- b. Plan and carry out investigations to describe properties (color, texture, capacity to retain water, and ability to support growth of plants) of soils and soil types (sand, clay, loam).
- c. Make observations of the local environment to construct an explanation of how water and/or wind have made changes to soil and/or rocks over time. (Clarification statement: Examples could include ripples in dirt on a playground and a hole formed under gutters.)
- **S3E2.** Obtain, evaluate, and communicate information on how fossils provide evidence of past organisms.
- a. Construct an argument from

- a. Ask questions to differentiate between plants, animals, and habitats found within Georgia's geographic regions.
- b. Construct an explanation of how external features and adaptations (camouflage, hibernation, migration, mimicry) of animals allow them to survive in their habitat. c. Use evidence to construct an
- explanation of why some organisms can thrive in one habitat and not in another. S3P1. Obtain, evaluate, and communicate information about the ways heat energy is transferred and measured.
- a. Ask questions to identify sources of heat energy.
   (Clarification statement: Examples could include sunlight, friction, and burning.)
- b. Plan and carry out an investigation to gather data using thermometers to produce tables and charts that illustrate the effect of sunlight on various objects. (Clarification statement: The use of both Fahrenheit and Celsius temperature scales is expected.)
- c. Use tools and every day materials to design and construct a device/structure that will increase/decrease the warming effects of sunlight on various materials. (Clarification statement: Conduction, convection, and radiation are taught in upper grades.)

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- c. Use evidence to construct an explanation of why some organisms can thrive in one habitat and not in another.
- **S3P1.** Obtain, evaluate, and communicate information about the ways heat energy is transferred and measured.
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b. Explore, research, and communicate solutions, such as conservation of resources and recycling of materials, to protect plants and animals.

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	observations of fossils (authentic or reproductions) to communicate how they serve as evidence of past organisms and the environments in which they lived.  b. Develop a model to describe the sequence and conditions required for an organism to become fossilized. (Clarification statement: Types of fossils (cast, mold, trace, and true) are not addressed in this standard.)			
Resource Links	State Standards: https://www.georgiastandards. org/Georgia-Standards/Pages/S cience-Grade-3.aspx	State Standards: https://www.georgiastandards. org/Georgia-Standards/Pages/S cience-Grade-3.aspx	State Standards: https://www.georgiastandards. org/Georgia-Standards/Pages/S cience-Grade-3.aspx	State Standards: https://www.georgiastandards. org/Georgia-Standards/Pages/S cience-Grade-3.aspx
	SLDS-TRL Tab	SLDS-TRL Tab	SLDS-TRL Tab	SLDS-TRL Tab
	GYSTC Resource Guide Units 1, 2, 3	GYSTC Resource Guide Units 4	GYSTC Resource Guide Units 3	GYSTC Resource Guide Units 5
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	https://www.georgiastandards. org/Georgia-Standards/Docume nts/Science-3rd-Instructional-Se gment-1-Lab-My-Plant-Record.p df  https://www.georgiastandards. org/Georgia-Standards/Docume nts/Science-3rd-Instructional-Se gment-1-Mohs-Hardness-Scale. pdf https://www.georgiastandards. org/Georgia-Standards/Docume nts/Science-3rd-Instructional-Se gment-1-Pictures-Rocks-Becom e-Soil.pdf  https://www.georgiastandards. org/Georgia-Standards/Docume nts/Science-3rd-Instructional-Se gment-1-Research-Guide-Georg ia-Regions.pdf  https://www.georgiastandards. org/Georgia-Standards/Docume nts/Science-3rd-Instructional-Se gment-1-Research-Guide-Georg ia-Regions.pdf  https://www.georgiastandards. org/Georgia-Standards/Docume nts/Science-3rd-Instructional-Se gment-1-Data-Sheet-Fossil-Dig. pdf  https://www.discoveryeduc ation.com/ (login information coming)  GPB https://www.gpb.org/educat ion/learn	2e6d0b4094a/1/Third-Grade-Sc ience-Instructional-Segment-2-Under-the-Sun-with-supports.p df  https://www.discoveryeducation.com/ (login information coming)  GPB https://www.gpb.org/education/learn	2e6d0b4094a/1/Third-Grade-Sc ience-Instructional-Segment-2-Under-the-Sun-with-supports.p df  https://www.discoveryeducation.com/(logininformation coming)  GPB https://www.gpb.org/education/learn	coming)  GPB  https://www.gpb.org/education/learn
Assessment Resources	EOG Content Weights: https://www.gadoe.org/Curric ulum-Instruction-and-Assessme nt/Assessment/Documents/Mil	EOG Content Weights: https://www.gadoe.org/Curric ulum-Instruction-and-Assessme nt/Assessment/Documents/Mil	EOG Content Weights: https://www.gadoe.org/Curric ulum-Instruction-and-Assessme nt/Assessment/Documents/Mil	EOG Content Weights: https://www.gadoe.org/Curric ulum-Instruction-and-Assessme nt/Assessment/Documents/Mil

estones/Content%20Weights/C
ontentWeights\_EOGCharts\_Au
gust\_2019.pdf

Achievement Level Descriptors

Achievement Level Descriptors https://www.gadoe.org/Curric ulum-Instruction-and-Assessme nt/Assessment/Documents/Mil estones/ALD/ALDS\_for\_Grade\_ 3\_Milestones\_EOG\_Science.pdf

EOG Study/Resource Guide https://www.gadoe.org/Curric ulum-Instruction-and-Assessme nt/Assessment/Documents/Mil estones/Study-Resource%20Gu ides/EGA025\_GR03\_ELMA\_SG\_ 0001\_20200218.pdf estones/Content%20Weights/C ontentWeights\_EOGCharts\_Au gust\_2019.pdf

Achievement Level Descriptors https://www.gadoe.org/Curric ulum-Instruction-and-Assessme nt/Assessment/Documents/Mil estones/ALD/ALDS\_for\_Grade\_ 3\_Milestones\_EOG\_Science.pdf

EOG Study/Resource Guide https://www.gadoe.org/Curric ulum-Instruction-and-Assessme nt/Assessment/Documents/Mil estones/Study-Resource%20Gu ides/EGA025\_GR03\_ELMA\_SG\_ 0001\_20200218.pdf estones/Content%20Weights/C ontentWeights\_EOGCharts\_Au gust\_2019.pdf

Achievement Level Descriptors https://www.gadoe.org/Curric ulum-Instruction-and-Assessme nt/Assessment/Documents/Mil estones/ALD/ALDS\_for\_Grade\_ 3\_Milestones\_EOG\_Science.pdf

EOG Study/Resource Guide https://www.gadoe.org/Curric ulum-Instruction-and-Assessme nt/Assessment/Documents/Mil estones/Study-Resource%20Gu ides/EGA025\_GR03\_ELMA\_SG\_ 0001\_20200218.pdf estones/Content%20Weights/C ontentWeights\_EOGCharts\_Au gust\_2019.pdf

Achievement Level Descriptors https://www.gadoe.org/Curric ulum-Instruction-and-Assessme nt/Assessment/Documents/Mil estones/ALD/ALDS\_for\_Grade\_ 3 Milestones EOG Science.pdf

EOG Study/Resource Guide https://www.gadoe.org/Curric ulum-Instruction-and-Assessme nt/Assessment/Documents/Mil estones/Study-Resource%20Guides/EGA025\_GR03\_ELMA\_SG\_0001\_20200218.pdf

# **Possible** District Approved Field Trips

# Virtual field trips offered through GYSTC

Grade	Trip	Standard
3rd	Destination Ag	S3S3E1.a, SS3E3, S3L1

The Social Studies Standards-Based Classroom Instructional Framework provides a common language of instruction in order to successfully implement high quality practices. The tool can be used to develop lesson plans as well as a guide for teachers to reference during instruction. It is imperative that an opening, transition, work and closing is addressed with each lesson.



# SCIENCE STANDARDS-BASED CLASSROOM INSTRUCTIONAL FRAMEWORK





# PERVASIVE LESSON PRACTICES

Teacher will embed pervasive practices throughout lesson based on instructional focus

## Literacy Across the Content:

- · Disciplinary literacy
- Content literacy
- Close reading
- Disciplinary research/ reading to learn

### Writing Across the Content

- · Content writing
- Writing process
- · Writing to learn

# Vocabulary Development:

- Academic vocabulary
- Content vocabulary
- · Discipline vocabulary
- · Engages in threedimensional learning

# Formative Assessment:

- Formal assessments
- Informal assessments
- Standards-based feedback

### Classroom Culture:

- · Models practices and procedures
- · Encourages risk-taking and collaboration
- · Demonstrates high expectations in classroom discourse
- · Emphasizes safety practices

# **OPENING**

### Teacher:

- Introduces phenomena to engage students in investigations
- Engages students/accesses prior knowledge and makes connections by encouraging them to ask questions
- · Provides explicit instruction aligned to standard(s), including skill development and conceptual understanding
- Models science and engineering practices and questioning based on crosscutting concepts

### Student

- · Accesses prior knowledge
- Asks thought-provoking and clarifying auestions.
- Participates in classroom discussions; engages in investigations and analyzes thinking

# TRANSITION TO WORK SESSION

# Teachers

- · Provides guidance to engage in exploration of phenomena
- Helps students in identifying routines to engage in collaboration
- Introduces organizing tools
- Reviews success criteria and expectations for work

- · Engages in exploration of phenomena
- Participates in discussion
- Prepares organizing tools
- Asks questions or define problems

# WORK SESSION

# Teacher:

- Facilitates independent and small group work; scaffolds learning tasks
- Engages students in the 3-dimensions of science instruction
- Monitors, assesses and documents student progress and provides standards-based feedback
- Provides small group instruction
- Allows students to engage in productive struggle, make mistakes, and engage in error analysis
- Conferences formally and informally with students

- Engages in independent or collaborative learning
- Demonstrates proficiency of science and engineering practices, crosscutting concepts and core disciplinary ideas
- Completes conceptually rich performance tasks, research or guided practice
- Conferences with teacher and receives standardsbased feedback

# CLOSING

- · Formally or informally assesses student understanding
- Asks questions targeting students' explanations and claims to provide feedback
- Provides phenomena that challenges students' explanations
- Engages students in summarizing learning and celebrates progress toward mastery of standard(s)
- Identifies next steps for instruction based on data analysis

- Shares, assesses, and justifies work using language of the standards
- Provides peer feedback and asks clarifying questions using language of the standards
- Reflects and summarizes progress toward mastery of learning target/standard based on success criteria