

5th Grade Curriculum Map

These are bundles of core ideas from the Georgia Standards of Excellence related to an anchoring phenomenon. This document is part of a framework that includes lessons and resources.

Instructional Segment	Earth and Changes Over Time	Dynamics of Classification	Cells and Microorganisms	Energy Transfer through Electricity and Magnetism	Physical and Chemical Changes
Estimated Time	8 Weeks	7 Weeks	8 Weeks	7 Weeks	6 Weeks
Crosscutting Concepts	 Structure and function Cause and effect Systems and system models 	PatternsStability and changeStructure and function	 Systems and system models Structure and function Scale, proportion, and quantity 	Energy and matterSystems and system models	Cause and effectEnergy and matter
	Year-Long Phenomenon: Evidence				
Anchoring Phenomenon	Impact of Earth's processes on landforms (Yellowstone, Providence Canyon, island formation)	Comparison Pictures Living things look alike but are classified differently	Decomposition of multi-celled organisms by single-celled organisms	Van de Graaff https://www.youtube.com/wat ch?v=1HC9mfgFo38	Elephant Toothpaste <u>Three levels of elephant</u> <u>toothpaste</u>
Core Ideas	 Geological processes Formation and/or destruction of landforms 	 Grouping animals and plants by their internal and/or external structure Inherited traits Acquired traits 	 Magnification tools are needed to observe very small things Plant cell structure and function Animal cell structure and function Microorganisms can be helpful or harmful 	 Static electricity Current electricity (humanharnessed) Energy transfer Simple electric circuit Magnetic field and force Release of stored energy Insulators and conductors of electricity 	 Physical changes Chemical changes Phases/States of water are related to temperature changes Energy transfer
	Obtain, Evaluate, and Communicate Information				
Science and Engineering Practices	 Engage in argument from evidence Develop and use models Ask questions Analyze and interpret data Use mathematics and computational thinking 	Develop and use modelsAsk questions	 Ask questions Develop and use models Construct explanations Engage in argument from evidence 	 Plan and carry out investigations Engage in argument from evidence 	 Plan and carry out investigations Engage in argument from evidence
GSE	S5E1a,b,c	S5L1 a,b; S5L2 a,b	S5L3 a,b,c; S5L4 a,b	S5P2 a,b,c; S5P3 a,b	S5P1a,b,c