



Brooke 1 K-6 and 7-8 Science Standards (2011 – 2012)

Note: The dark black bar between 6th and 8th grade indicates a break in vertical alignment. Standards will align in the 2012-2013 SY.

Major Units of Investigative Study

Kindergarten	1 st	2 nd	3 rd / 4 th odd years	3 rd / 4 th even years	5 th	6 th (Physical Science)	7 th / 8 th odd years	7 th / 8 th even years (life science)
Trees*	Solids and Liquids*	Plants	Energy	Earth Science	Earth Science	Chemical Changes		
Rotting Log: adaptations	Air and Weather*	Balance and Motion	Astronomy	Water	Water	Physical Changes		
Earth's Materials*	Life Cycles	Sky		Weather	Weather	Matter and Energy		
					Biology	Motion and Transportation		
					Engineering	Engineering Bridges		

* Includes an engineering unit

Major Unit of Nonfiction Reading Study

Kindergarten:	1 st	2 nd	3 rd	4 th	5 th
Animals and Habitats ¹	Classification of animals (fish, amphibians, reptiles, birds,	Natural disasters (volcanoes, earthquakes, tsunamis, hurricanes, landslides, tornadoes)	Adaptation (migration, hibernating, hoarding)	Adaptation and extinction (dinosaurs)	Inventions
Classification of things as living and nonliving	Land and water forms (mountains, hills, rivers, lakes, oceans)	Animal bodies (ways their bodies help them meet their needs)	endangered species	Fossils	
		Human Body	Conservation and environmentalism	Space (planets, moon landing, astronaut biographies, sun)	

¹ Including how habitats are different as seasons change and how plants and animals change.

