Driscoll ISD 2026-2027

Campus: Middle School

Grade Level/Course: 8th Grade Science

Course Description: Eighth-grade science is interdisciplinary, helping students make connections across different subjects and understand important concepts such as patterns, change and stability, cycles, systems, models, and scale. Through hands-on investigations, inquiry, and scientific reasoning, students explore four major areas of science: Matter and Energy, Force, Motion and Energy, Earth and Space Science, and Organisms and Environments.

Semester 1: July 22- December 18, 2026

1st Quarter	2nd Quarter

• Matter and Energy
  ○ Models of Matter
  ○ Chemical Reactions
• Force, Motion, and Energy
  ○ Newton's Second Law of Motion
  ○ Applying Newton's Laws of Motion
  ○ Properties of Waves
	• Earth and Space
	  ○ Life Cycle and Classification of Stars
	  ○ Galaxies
	  ○ Influences on Weather and Climate
	  ○ Patterns in the Atmosphere
	  ○ Tropical Cyclones

Semester 2: January 6-May 21, 2027

3rd Quarter	4th Quarter

• Organisms and Environments
  ○ Ecological Succession
  ○ Biodiversity
  ○ Cell Structure and Function
  ○ Genes and Traits
  ○ Variation and Adaptation
	• Spiral of 6th, 7th, and 8th Grade Science
	• 8th Grade Science STAAR Test Tuesday, April 20, 2027
	• Global Climate
	  ○ The Carbon Cycle
	  ○ Natural and Human Influences on Global Climate

*Minor adjustment to the schedule may be made based on campus schedules and student needs.