

# Academic Vocabulary

CONTENT BUILDER FOR THE PLC

SCIENCE  
GRADE 3

# Academic Vocabulary Analysis

# Grade 3 Science

STANDARDS (TEKS): academic vocabulary directly taken from the standard

STAAR: academic vocabulary used on the assessment (source released tests)

**STANDARD 3.5A** measure, test, and record physical properties of matter, including temperature, mass, magnetism, and the ability to sink or float

STANDARDS (TEKS)		Local Assessments	
Thinking	Content	Content	Common
Measure	Physical properties		
Test	Matter		
Record	Temperature		
	Mass		
	Magnetism		
	Sink		
	Float		

**STANDARD 3.6A** explore different forms of energy, including mechanical, light, sound, and heat/thermal in everyday life

STANDARDS (TEKS)		Local Assessments	
Thinking	Content	Content	Common
Explore	Forms of energy		
	Mechanical energy		
	Light energy		
	Sound energy		
	Heat/thermal energy		

**STANDARD 3.7A** explore and record how soils are formed by weathering of rock and the decomposition of plant and animal remains

STANDARDS (TEKS)		Local Assessments	
Thinking	Content	Content	Common
Explore	Soils		
Record	Weathering		
	Decomposition		
	Plant remains		
	Animal remains		

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**STANDARD 3.8B** describe and illustrate the Sun as a star composed of gases that provides light and heat energy for the water cycle

STANDARDS (TEKS)		Local Assessments	
Thinking	Content	Content	Common
Describe	Sun		
Illustrate	Star		
	Gases		
	Light energy		
	Heat energy		
	Water cycle		

**STANDARD 3.8D** identify the planets in Earth’s solar system and their position in relation to the sun

STANDARDS (TEKS)		STAAR	
Thinking	Content	Content	Common
Identify	Planet	[names/order of planets]	Night sky
	Earth		
	Solar system		
	Sun		
	Vocabulary term used on STAAR		

**STANDARD 3.9A** observe and describe the physical characteristics of environments and how they support populations and communities within an ecosystem

STANDARDS (TEKS)		STAAR	
Thinking	Content	Content	Common
Observe	Physical characteristics	Organism	Best suited
Describe	Environments		[organisms commonly found in terrariums]
	Populations		Terrarium
	Communities		
	Ecosystem		
	Vocabulary term used on STAAR		

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**STANDARD 3.10A** explore how structures and functions of plants and animals allow them to survive in a particular environment

STANDARDS (TEKS)		Local Assessments	
Thinking	Content	Content	Common
Explore	Structures		
	Functions		
	Survive		
	Environment		