

Academic Vocabulary

CONTENT BUILDER FOR THE PLC

SCIENCE
GRADE 6

Academic Vocabulary Analysis

Grade 6 Science

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

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

STANDARD 6.5(A) know that an element is a pure substance represented by chemical symbols

STANDARDS (TEKS)		LOCAL ASSESSMENTS	
Thinking	Content	Content	Common
Know	Element		
	Pure substance		
	Chemical symbols		

STANDARD 6.6(A) compare metals, nonmetals, and metalloids using physical properties such as luster, conductivity, or malleability

STANDARDS (TEKS)		STAAR	
Thinking	Content	Content	Common
Compare	Metal		Elements
	Nonmetal		
	Metalloid		
	Physical property		
	Luster		
	Conductivity		
	Malleability		
	Vocabulary term used on STAAR		

STANDARD 6.6(B) calculate density to identify an unknown substance

STANDARDS (TEKS)		LOCAL ASSESSMENTS	
Thinking	Content	Content	Common
Calculate	Density		

STANDARD 6.8(A) compare and contrast potential and kinetic energy

STANDARDS (TEKS)		STAAR	
Thinking	Content	Content	Common
Compare	Potential energy		Position
Contrast	Kinetic energy		
	Vocabulary term used on STAAR		

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STANDARD 6.8(C) calculate average speed using distance and time measurements

STANDARDS (TEKS)		STAAR	
Thinking	Content	Content	Common
Calculate	Average speed		Trial
	Distance		
	Time		
	Vocabulary term used on STAAR		

STANDARD 6.9(A) investigate methods of thermal energy transfer, including conduction, convection, and radiation

STANDARDS (TEKS)		LOCAL ASSESSMENTS	
Thinking	Content	Content	Common
Investigate	Thermal energy		
	Conduction		
	Convection		
	Radiation		
	Energy transfer		

STANDARD 6.9(C) demonstrate energy transformations such as energy in a flashlight battery changes from chemical energy to electrical energy to light energy

STANDARDS (TEKS)		STAAR	
Thinking	Content	Content	Common
Demonstrate	Energy transformation	Mechanical energy	Convert
	Chemical energy		
	Electrical energy		
	Light energy		
	Vocabulary term used on STAAR		

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STANDARD 6.10(B) classify rocks as metamorphic, igneous, or sedimentary by the processes of their formation

STANDARDS (TEKS)		LOCAL ASSESSMENTS	
Thinking	Content	Content	Common
Classify	Metamorphic rock		
	Igneous rock		
	Sedimentary rock		

STANDARD 6.11(A) describe the physical properties, locations, and movements of the Sun, planets, Galilean moons, meteors, asteroids, and comets

STANDARDS (TEKS)		LOCAL ASSESSMENTS	
Thinking	Content	Content	Common
Describe	Physical property		
	Galilean moons		
	Meteors		
	Asteroids		
	Comets		

STANDARD 6.12(D) identify the basic characteristics of organisms, including prokaryotic or eukaryotic, unicellular or multicellular, autotrophic or heterotrophic, and mode of reproduction, that further classify them in the currently recognized kingdoms

STANDARDS (TEKS)		LOCAL ASSESSMENTS	
Thinking	Content	Content	Common
Identify	Organism		
	Prokaryotic		
	Eukaryotic		
	Unicellular		
	Multicellular		
	Autotrophic		
	Heterotrophic		
	Kingdom		
	Reproduction		