Academic Vocabulary

CONTENT BUILDER FOR THE PLC

SCIENCE
GRADE 7

Academic Vocabulary Analysis　　Grade 7 Science

STANDARDS (TEKS): academic vocabulary directly taken from the standard
STAAR: academic vocabulary used on the assessment (source released tests)

STANDARD 7.5(A) recognize that radiant energy from the Sun is transformed into chemical energy through the process of photosynthesis

STANDARDS (TEKS)		LOCAL ASSESSMENTS	
Thinking	Content	Content	Common
Recognize	Radiant energy		
	Transform		
	Chemical energy		
	Photosynthesis		

STANDARD 7.5(C) diagram the flow of energy through living systems, including food chains, food webs, and energy pyramids

STANDARDS (TEKS)		STAAR	
Thinking	Content	Content	Common
Diagram	Flow of energy	Consumer	
	Living systems	Producer	
	Food chains		
	Food webs		
	Energy pyramids		
	Vocabulary term used on STAAR		

STANDARD 7.7(A) contrast situations where work is done with different amounts of force to situations where no work is done such as moving a box with a ramp and without a ramp, or standing still

STANDARDS (TEKS)		STAAR	
Thinking	Content	Content	Common
Contrast	Work	Mass	
	Force		
	Ramp		
	Vocabulary term used on STAAR		

Academic Vocabulary Analysis   Grade 7 Science
STANDARDS (TEKS): academic vocabulary directly taken from the standard
STAAR: academic vocabulary used on the assessment (source released tests)

STANDARD 7.8(A) predict and describe how different types of catastrophic events impact ecosystems such as floods, hurricanes, or tornadoes

STANDARDS (TEKS)		LOCAL ASSESSMENTS	
Thinking	Content	Content	Common
Predict	Catastrophic event		
Describe	Ecosystem		
	Flood		
	Hurricane		
	Tornado		

STANDARD 7.9(A) analyze the characteristics of objects in our solar system that allow life to exist such as the proximity of the Sun, presence of water, and composition of the atmosphere

STANDARDS (TEKS)		LOCAL ASSESSMENTS	
Thinking	Content	Content	Common
Analyze	Characteristics		
	Solar system		
	Proximity		
	Atmosphere		

STANDARD 7.10(A) observe and describe how different environments, including microhabitats in schoolyards and biomes, support different varieties of organisms

STANDARDS (TEKS)		LOCAL ASSESSMENTS	
Thinking	Content	Content	Common
Observe	Environment		
Describe	Microhabitat		
	Biome		
	Organism		

Academic Vocabulary Analysis   Grade 7 Science

STANDARDS (TEKS): academic vocabulary directly taken from the standard
STAAR: academic vocabulary used on the assessment (source released tests)

STANDARD 7.11(B) explain variation within a population or species by comparing external features, behaviors, or physiology of organisms that enhance their survival such as migration, hibernation, or storage of food in a bulb

STANDARDS (TEKS)		LOCAL ASSESSMENTS	
Thinking	Content	Content	Common
Explain	Variation		
	Population		
	Species		
	External feature		
	Behavior		
	Physiology		
	Organism		
	Migration		
	Hibernation		
	Bulb		

STANDARD 7.12(A) investigate and explain how internal structures of organisms have adaptations that allow specific functions such as gills in fish, hollow bones in birds, or xylem in plants

STANDARDS (TEKS)		LOCAL ASSESSMENTS	
Thinking	Content	Content	Common
Investigate	Internal structure		
Explain	Organism		
	Adaptation		
	Function		
	Gills		
	Xylem		

Academic Vocabulary Analysis   Grade 7 Science

STANDARDS (TEKS): academic vocabulary directly taken from the standard
STAAR: academic vocabulary used on the assessment (source released tests)

STANDARD 7.12(D) differentiate between structure and function in plant and animal cell organelles, including cell membrane, cell wall, nucleus, cytoplasm, mitochondrion, chloroplast, and vacuole

STANDARDS (TEKS)		LOCAL ASSESSMENTS	
Thinking	Content	Content	Common
Differentiate	Structure		
	Function		
	Organelle		
	Cell membrane		
	Nucleus		
	Cytoplasm		
	Mitochondrion		
	Chloroplast		
	Vacuole		
	Cell		
	Cell wall		

STANDARD 7.14(B) compare the results of uniform or diverse offspring from sexual reproduction or asexual reproduction

STANDARDS (TEKS)		STAAR	
Thinking	Content	Content	Common
Compare	Uniform offspring	Budding	Disadvantage
	Diverse offspring	Bud	Population
	Sexual reproduction	Genetically	
	Asexual reproduction	Genetic material	
	Offspring		
	Vocabulary term used on STAAR		