

Academic Vocabulary

CONTENT BUILDER FOR THE PLC

SCIENCE
KINDERGARTEN

PLEASE NOTE: The words contained in **Academic Vocabulary** are words/concepts/terms essential for concept development; this list is not intended to be comprehensive. The “new to grade level” vocabulary suggestions are a starting point, and educators are encouraged to refer to their district curriculum resources for additional words/concepts/terms.

Properties of Matter

K.6 Matter and its properties. The student knows that objects have physical properties that determine how they are described and classified.

important words for concept development			
subcluster	standards	new to grade level	
Physical Properties	K.6(A)	classify	
		color	
		material	
		object	
		physical property	
		shape	
		texture	

Force and Motion

K.7 **Force, motion, and energy.** The student knows that forces cause changes in motion and position in everyday life.

important words for concept development			
subcluster	standards	new to grade level	previously introduced
Magnets	K.7(A)	attract force magnet/magnetic magnetism material pull push repel	

Light Energy

K.8 **Force, motion, and energy.** The student knows that energy is everywhere and can be observed in everyday life.

important words for concept development			
subcluster	standards	new to grade level	
Light	K.8(A), K.8(B)	appearance	light
		block	light energy
		brightness	light source
		darkness	object
		decreasing	opaque
		dim	shadow
		illumination	transparent
		increasing	travel

Patterns in Nature

K.9 Earth and space. The student knows that there are recognizable patterns in the natural world and among objects in the sky.

important words for concept development			
subcluster	standards	new to grade level	previously introduced
Day and Night	K.9(A)	appearance day Moon night pattern sky Sun sunrise sunset	
Observing Objects in the Sky	K.9(B)	cloud Moon object sky star Sun	

Earth, Air, and Weather

K.10 Earth and space. The student knows that the natural world includes earth materials and systems that can be observed.

important words for concept development			
subcluster	standards	new to grade level	
Properties of Rocks	K.10(A)	color property rock shape size texture	
Weather Changes and Patterns	K.10(B), K.10(C)	air calm clear cloudy pinwheel precipitation rainy relative temperature (cool, cold/warm, hot)	seasons (summer, fall, winter, spring) snowy sunny weather wind/windy windsock

Earth’s Resources

K.11 Earth and space. The student knows that earth materials are important to everyday life.

important words for concept development			
subcluster	standards	new to grade level	previously introduced
Uses of Rocks, Soil, and Water	K.11(A)	product rock soil useful water	

Basic Needs of Organisms

K.12 Organisms and environments. The student knows that plants and animals depend on the environment to meet their basic needs for survival.

important words for concept development			
subcluster	standards	new to grade level	
Basic Needs of Plants	K.12(A)	basic needs of plants (air, sunlight, water, nutrients, space)	
		depend survive/survival	
Basic Needs of Animals	K.12(B)	animal basic needs of animals (air, water, food, space, shelter)	
		depend survive/survival	

Characteristics of Plants and Animals

K.13 Organisms and environments. The student knows that organisms resemble their parents and have structures and undergo processes that help them interact and survive within their environments.

important words for concept development			
subcluster	standards	new to grade level	
Plant Structure	K.13(A)	basic parts of plants (roots, stems, leaves, flowers, and fruits)	
Plant Life Cycle	K.13(C)	change grow (germinate) life cycle plant	plant life cycle (seed, seedling, plant, flower, fruit) stem water
Inherited Traits	K.13(D)	flower fruit leaves (shape, color) parent plant	resemble roots trunk/stem young
Animal Structure and Function	K.13(B)	basic structures of animals (limbs, eyes, head, tail, fin, wings, mouth, body covering, etc.)	