

Academic Vocabulary

CONTENT BUILDER FOR THE PLC

SCIENCE
GRADE 2

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

2.6 Matter and energy. The student knows that matter has physical properties that determine how it is described, classified, changed, and used.

important words for concept development			
subcluster	standards	new to grade level	previously introduced
Physical Properties	2.6(A), 2.6(B)	flexibility liquid relative temperature sanding solid	freezing matter melting observe physical property texture
Materials Science	2.6(C)	combine matter	material physical property (texture, flexibility, relative temperature, solid, liquid, shape, color)

Force and Motion

2.7 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
Force Interactions	2.7(A)	collide/collision	force object push
Investigating Force and Motion	2.7(B)		force investigation motion position pull push

Sound Energy

2.8 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		previously introduced
Sound	2.8(A), 2.8(B), 2.8(C)	communicate/ communicating	matter	material
		design	sound	
		device	sound energy	
		energy	vibrate/vibration/ vibrating	
		level	volume	

Space

2.9 **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
Sun, Earth, and Moon	2.9(A)	reflect	heat light Moon star Sun
Observing Objects in the Sky	2.9(B)	telescope tool visible	observe

Earth's Weather and Processes

2.10 Earth and space. The student knows that the natural world includes earth materials that can be observed in systems and processes.

important words for concept development			
subcluster	standards	new to grade level	previously introduced
Erosion	2.10(A)	sand dune surface	particle soil
Weather	2.10(B), 2.10(C)	flood graph hurricane record region severe weather event thermometer tornado	precipitation temperature weather

Earth's Resources

2.11 Earth and space. The student knows that earth materials and products made from these materials are important to everyday life.

important words for concept development			
subcluster	standards	new to grade level	previously introduced
Resources	2.11(A)	manmade resource natural resource	
Resource Management	2.11(B)	dispose human impact	conserve material recycle reduce reuse

Interactions in Environments

2.12 Organisms and environments. The student knows that living organisms have basic needs that must be met through interactions within their environment.

important words for concept development			
subcluster	standards	new to grade level	previously introduced
Interdependence	2.12(A), 2.12(C)	ecosystem environment physical characteristic pollen/pollination/ pollinator seed seed dispersal	
Food Chains	2.12(B)	ecosystem environment flow of energy interdependence	consumer food chain organism producer

Characteristics of Plants and Animals

2.13 Organisms and environments. The student knows that organisms 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	previously introduced
Structure, Function, and Behavior	2.13(A), 2.13(B), 2.13(C)	behavior defend/defense environment group physical characteristic protection structure	parts of a plant (root, stem, leaf, flower, fruit, seed) plant survival
Animal Life Cycles	2.13(D)		butterfly life cycle (egg, larva, pupa, adult) frog life cycle (egg, tadpole froglet, adult) life cycle