



Nancy Larson[®]

Science 2 Word Wall

Research tells us:

*“Direct vocabulary instruction has an impressive track record of improving students’ background knowledge and the comprehension of academic content.” **

As your science word wall is built in your classroom, an ongoing, organized display of key words will:

- ✓ Help students remember connections between words and concepts,
- ✓ Promote independence in reading and writing by building vocabulary,
- ✓ Provide visual clues and reference for English language learners, and
- ✓ Support the teaching of key words and subject-specific terminology.

Physics (Physical Properties of Matter)

physicist	mass
matter	gram
living	liquid
non-living	fluids
human-made	gas
natural	melts
material	vaporizes
solid	transparent
color	translucent
luster	opaque
texture	magnet
hardness	attract
flexibility	repel
buoyancy	

Ornithology

ornithologist	call
chicks	song
molting	drumming
migrating	clutch
flock	incubating
bill (beak)	carnivores
claws (talons)	prey
webbed feet	nocturnal
waterfowl	

Physics (Sound and Light)

sound
vibrate
sound waves
loudness
decibel
absorb
reflect
external ear
middle ear
inner ear
pitch
white light
light spectrum

Geology

geologist
sand
boulder
pebble
cobble
mineral
halite
crystal

Physics (Forces and Work)

force	friction
push	lubricant
pull	work
gravity	wheel

Physics (Simple Machines)

simple machines	fulcrum
inclined plane	load
wedge	effort
screw	wheel and axle
lever	pulley

*Robert J. Marzano, *Building Background Knowledge for Academic Achievement: Research on What Works in Schools*.