



# Nancy Larson<sup>®</sup> Science 5 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.

### Astronomy

astronomy	terrestrial planets	autumnal
astronomer	gas giants	New Moon
universe	asteroid	First Quarter
telescope	meteoroid	Full Moon
constellation	meteor	Last Quarter
asterism	meteorite	waning
Polaris	dwarf planet	waxing
galaxy	comet	crescent
Milky Way	rotate	gibbous
nebula	orbit (revolve)	solar eclipse
protostar	solstice	lunar eclipse
main-sequence star	equinox	
solar system	vernal	

### Environmental Science

system	sediment	fronts
geosphere	fossil	saline water
atmosphere	sedimentary	fresh water
hydrosphere	metamorphic	water cycle
biosphere	igneous	evaporation
environment	atmospheric pressure	condensation
crust	troposphere	precipitation
mantle	stratosphere	infiltration
outer core	mesosphere	climate
inner core	thermosphere	biome
lithosphere	exosphere	terrestrial
tectonic plates	greenhouse gases	aquatic
weathering	ozone	estuary
erosion	weather	intertidal zone
deposition	air mass	

### Engineering

engineering	inclined plane
engineer	wedge
work	screw
load	wheel and axle
effort	lever
joule	pulley
simple machines	gear

### Chemistry

chemistry	atomic number
chemist	valence electron
matter	compound
elements	organic
metals	inorganic
non-metals	chemical bonding
metalloids	metallic bonding
atom	alloy
subatomic particle	ionic bonding
proton <sup>+</sup>	ion
neutron <sup>0</sup>	covalent bonding
electron <sup>-</sup>	molecule
nucleus	

### Physics (Matter)

pure substance	deionization	mass
mixture	cohesion	volume
homogeneous	surface tension	density
heterogeneous	adhesion	buoyant
solution	physical change	chemical change
solute	transparent	chemical reaction
solvent	translucent	reactant
colloid	opaque	product
suspension	luster	endothermic
melting	texture	exothermic
vaporization	flexibility	combustion
boiling	elasticity	synthesis
evaporation	brittleness	decomposition
sublimation	magnetic	neutralization
ionization	fluidity	acid
condensation	viscosity	base
freezing	temperature	
deposition	absolute zero	

### Physics (Force and Motion)

physics	magnet	spring force
physicist	ferromagnetic	friction
force	electromagnet	buoyancy
gravity	magnetosphere	drag
weight	compass	lift
newton	applied force	thrust
magnetism	normal force	Newton's laws of motion
magnetic field	tension	

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