



Nancy Larson[®]

Science 3 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

astronomer	gibbous
solar system	planet
sunspots	Mercury
prominences	Venus
solar flares	Earth
axis	Mars
rotate	Jupiter
orbit (revolve)	Saturn
elliptical (oval)	Uranus
seasons	Neptune
maria	asteroid
craters	terrestrial
astronaut	gas giant
lunar	comet
waxing	meteoroid
waning	meteor
crescent	meteorite

Meteorology

meteorologist	stratus
atmosphere	nimbo-
exosphere	-nimbus
thermosphere	alto-
mesosphere	weather vane
ozone layer	anemometer
stratosphere	humidity
troposphere	air pressure
water cycle	tornado
evaporation	hurricane
condensation	typhoon
precipitation	natural resources
cirrus	pollution
cumulus	

Zoology

zoologist	poikilothermic
amphibian	egg
reptile	larva
herbivore	adult
carnivore	metamorphosis
omnivore	frogspawn
vertebrate	tadpole

Chemistry

chemist
element
compound
chemical formula
atom
molecule

Botany

botanist
seed coat
germination
vascular plant
angiosperm
gymnosperm
embryo
cotyledons
radicle
photosynthesis
stomata
chlorophyll
glucose

Physics

physicist	cubic centimeter (cc)
physical change	gas
chemical change	fluids
matter	temperature
mass	thermometer
gram (g)	Fahrenheit
kilogram (kg)	Celsius
volume	melt
liquid	freeze
milliliter (ml)	vaporization
liter (l)	evaporation
solid	condensation

Geology

geologist	separate	lava	clay
crust	slide	igneous	silt
mantle	earthquake	sedimentary	sand
magma	fault	metamorphic	soil
outer core	focus	sediment	humus
inner core	epicenter	fossils	
tectonic plates	tsunami	weathering	
collide	volcano	erosion	

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