



Science 3

Word Wall Cards

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



Research tells us:

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



Nancy Larson[®]
Science

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

Science Word Wall

Astronomy

astronomy	planet
astronomer	Mercury
solar system	Venus
telescope	Earth
sunspots	Mars
prominences	Jupiter
solar flares	Saturn
axis	Uranus
rotate	Neptune
orbit	asteroid
elliptical	dwarf planet
seasons	terrestrial
maria	gas giants
craters	ice giants
astronaut	comet
crescent	meteoroid
gibbous	meteor
waxing	meteorite
waning	

Atmospheric Science

atmosphere	nimbostratus
exosphere	wind direction
thermosphere	wind vane
mesosphere	wind speed
stratosphere	anemometer
troposphere	weather
ozone	meteorology
water cycle	meteorologist
evaporation	forecast
condensation	cloud cover
precipitation	humidity
clouds	air pressure
cirrus	barometer
cumulus	UV Index
stratus	tornado
cumulonimbus	hurricane

Physical and Chemical Changes

mixture	fluids
matter	temperature
mass	thermometer
gram (g)	Celsius
volume	Fahrenheit
milliliter (mL)	melting
states of matter	freezing
solid	vaporizing
liquid	evaporating
gas	condensing
plasma	

Herpetology

herpetology	larva
herpetologist	adult
amphibian	metamorphosis
reptile	frogspawn
carnivore	tadpole
herbivore	froglet
omnivore	hatchling
poikilotherm	juvenile
egg	

Geology

geology	epicenter	erosion
geologist	tsunami	sediment
crust	volcano	soil
mantle	lava	humus
magma	natural resources	horizons
outer core	pollution	topsoil
inner core	weathering	subsoil
tectonic plates	clay	parent material
collide	silt	bedrock
separate	sand	igneous
slide	pebble	sedimentary
earthquake	cobble	metamorphic
fault	boulder	fossils
focus		

Chemistry

chemistry
chemist
elements
mineral nutrients
compound
chemical formula
atom
molecule