



Nancy Larson[®] Science for homeschool

Our K-5 Scientific Vocabulary



Science K Word List

body	buoyant
see	mixture
hear	
smell	force
taste	push
touch	pull
	wheels
exercise	gravity
healthy foods	magnet
wash hands	
brush teeth	wind
	plant
pets	seed
dog	sunflower
cat	marigold
bird	living
fish	
walk	
run	
jump	
swim	
fly	

Science 1 Word List

Developmental Science

scientist
infant
toddler
child
adolescent
adult
elderly adult
habitat
animal
plant

Botany

botanist
air
water
light
nutrients
root
stem
leaf
flower
trunk
bark
branch
twig
shrub
woody stems
broad leaves
needles
evergreen
deciduous
seasons
spring
summer
fall
winter
fruit
seed
cone
conifer
seedling
sapling

Environmental Science

sunlight
light
heat
shadow
day
night
water
rain
ice
soil

Zoology

zoologist
habitat
forest
desert
grassland
pond
ocean
ice
camouflage
herbivore
carnivore
omnivore
hibernate
migrate
mammal

Anatomy

physiologist
bones
skeleton
cranium
mandible
ribs
spine
femur
joints
muscles
skin
stomach
intestines
oxygen
lungs
inhale
exhale
heart
blood
arteries
veins
brain
nerves
healthy

Entomology

entomologist
insect
antennae
egg
pupa
larva
adult
metamorphosis
nymph
head
thorax
abdomen
exoskeleton

Science 2 Word List

Physics

(Physical Properties of Matter)

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

Physics

(Simple Machines)

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

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
pebble
cobble
boulder
mineral
halite
crystal

Ornithology

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

Physics

(Forces and Work)

force
push
pull
gravity
friction
lubricant
work
wheels

Science 3 Word List

Astronomy

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

Chemistry (Matter)

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

Herpetology

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

Atmospheric Science

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

Geology

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

Chemistry (Periodic Table)

chemist
elements
mineral nutrients
compound
chemical formula
atom
molecule

Science 4 Word List

Biology

biologist
organism
cell
microscope
nucleus
cell membrane
cytoplasm
mitochondria
vacuole
chloroplasts
cell wall
cellulose
fungus
chitin
eukaryotic cell
protist
prokaryotic cell
bacteria
archaea
eukaryotes

Botany

botanist
vascular
tissue
xylem
phloem
photosynthesis
reproduce
seeds
spores
vegetative
reproduction
gymnosperm
conifer
cone
evergreen
deciduous
pollen
egg
pollination
fertilization
germination
seedling
adult
angiosperm
flower
carpel
ovary
stamen
anther
petal
sepal
fruit
broad leaf

Zoology

zoologist
vertebrate
endoskeleton
homeotherm
poikilotherm
metamorphosis
molt
insects
nymph
pupa
arachnids
herbivore
carnivore
omnivore
detritivore

Ecology

ecologist
habitat
species
population
community
environment
ecosystem
producer
consumer
decomposer
food chain
food web
predator
prey
mutualism
commensalism
parasitism
inherited
trait
phototropism
gravitropism
hydrotropism
cooperate
hibernate
migrate
camouflage
mimicry
extinct
endangered

Physics

(Energy)
physicist
energy
kinetic energy
potential energy
chemical
elastic
gravitational
sound
pitch
radiant energy
visible light
transparent
translucent
opaque
refraction
heat
radiation
conduction
convection
renewable
solar
hydropower
wind power
geothermal
biomass
non-renewable
fossil fuels
nuclear

Physics

(Electricity)
electricity
power plant
battery
static
current
circuit
conductor
insulator
switch
series circuit
parallel circuit
electromagnet

Science 5 Word List

Astronomy

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

Chemistry

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

Physics

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

Engineering

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

Environmental Science

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

Physics

(Force and Motion)

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