

SCIENCE VOCABULARY LIST (sorted by family frequency)
AWL Words in bold
Most frequent type italicized

energy

cell

cells

chapter

chapters

organism

organisms

atom

atomic

atoms

chemical

chemically

chemicals

area

areas

data

section

sections

element

elements

concept

concepts

conceptual

process

processes

processing

react

reaction

reactions

reactive

reacts

volcano

volcanic

volcanoes

occur

occurred

occurrence

occurring

occurs
layer
layered
layers
structure
structural
structures
carbon
affect
affected
affecting
affects
meter
centimeters
kilometers
meters
metric
molecule
molecules
oxygen
resource
resources
graph
graphs
atmosphere
vocabulary
identify
identification
identified
identifies
identifying
identity
planet
planets
environment
environmental
environments
fossil
fossils
dense

density

hypothesis

hypotheses

hypothesize

hypothesized

compound

compounds

solar

locate

located

location

locations

create

created

creates

creating

creative

current

currents

period

periodic

periods

sediment

sedimentary

sediments

diagram

diagrams

species

vary

variable

variables

variation

variations

varies

varying

electron

electrons

acid

acids

volume

volumes

predict

predictable

predicted

predicting

prediction

predictions

function

functioning

functions

cycle

cycles

similar

similarities

similarly

simulate

gene

genes

genetic

gravity

gravitational

analyze

analysis

analyzing

source

sources

continent

continents

continental

muscle

muscles

erode

eroded

erodes

eroding

erosion

physical

climate

climates

release

released
releases
releasing

investigate
investigating
investigation
investigations

tissue
tissues

ecosystem
ecosystems

factor
factors

bacterium
bacteria

image
images

conclude
concluded
conclusion
conclusions

trait
traits

hydrogen

bond
bonded
bonding
bonds

research
researchers
researching

ion
ionic
ions

infer
inference
inferences
inferring

chromosome
chromosomes

dioxide

percent

percentage

percentages

evident

evidence

region

regions

proceed

procedure

procedures

nucleus

fuel

fuels

theory

theories

laboratory

lab

assess

assessment

fluid

fluids

radiate

radiation

design

designed

designing

designs

galaxy

galaxies

crust

major

majority

protein

proteins

transfer

transferred

transfers

method

methods

tectonic

tectonics

select

selected

selection

selective

allele

alleles

magnet

magnetic

electromagnetic

magma

feature

features

plastic

zone

interpret

interpreting

interprets

erupt

eruption

eruptions

range

ranges

ranging

remove

removal

removed

removing

removes

friction

contrast

contrasting

label

labeled

labels

focus

focused

focuses

nerve

nervous

journal

lens

nitrogen

telescope

telescopes

pollute

pollution

web

deposit

deposits

deposition

respond

responding

responds

response

responses

survive

survival

survived

geology

geologic

accelerate

acceleration

topic

topics

offspring

sex

sexual

sexually

precipitate

precipitation

adapt

adaptation

adaptations

adapted

height

mathematics

math

nutrient

nutrients

define

defined

defining

definition

definitions

definite

axis

glacier

glaciers

orbit

mammal

mammals

equate

equation

equations

velocity

proton

protons

constant

constantly

dissolve

dissolved

mantle

interact

interaction

interactions

interactive

interacts

visible

invisible

absorb

absorbed

convert

conversion

conversions

converted

converting

converts

indicate

indicated

indicates
indicator
indicators

evolve

evolved
evolution
evolutionary

normal

normally

tiny

convection

globe

global

core

cores

photosynthesis

code

codes

crystal

crystals

illustrate

illustrated
illustrates
illustration
illustrations

fungus

fungi

lava

astronomy

astronomer
astronomers

summary

summarize
summarizes
summarizing

involve

involved
involves
involving

microscope

communicate

communicating

communication

specific

vapor

neutron

neutrons

individual

individuals

chart

charts

construct

constructed

constructing

construction

formula

formulas

formulate

membrane

transport

transportation

transported

transporting

transports

site

sites

consume

consumed

consumer

consumers

thermal

technology

compute

computer

computers

humid

humidity

role

roles

igneous

sequence

sequences
sequencing

conduct

conducted
conducting
conducts

tropic

tropical

nuclear

kinetic

require

required
requires

challenge

latitude

balloon

sperm

concentrate

concentrated
concentration

beaker

equator

sodium

eventual

eventually

tape

link

linked
links

community

communities

internet

obtain

obtained
obtaining

conserve

conservation

mercury

expand

expanding

expands

expansion

symbol

symbols

consist

consistent

consisting

consists

seismic

handbook

rotate

rotation

attach

attached

attaches

beach

negate

negative

negatively

magnitude

algae

aluminum

ratio

ratios

project

projection

projections

projects

respire

respiration

positive

positively

giant

complex

huge

organic

accurate

accuracy

accurately

column

diameter

polar

potential

paragraph

paragraphs

adult

adulthood

adults

hemisphere

reptile

reptiles

strategy

strategies

radioactive

dominate

dominant

channel

channels

evaluate

evaluating

checkpoint

groundwater

impact

impacts

phase

phases

helium

principle

principles

cylinder

expose

exposed

exposure

wavelength

stable

unstable

final

finally

thermometer

maintain

maintaining

maintains

lithosphere

generation

generations

drift

spectrum

marine

available

primary

primarily

internal

contour

metamorphic

vascular

estimate

estimated

lever

displace

displaced

displacement

displaces

rocket

item

items

era

ozone

buoy

buoyant

hurricane

elevate

elevation

embryo

detect

detected

jar

partner

medium

mirror

trace

traces

tracing

identical

benefit

beneficial

benefits

generate

generated

generates

distribute

distributed

distribution

device

devices

transform

transformations

transformed

unique

contact

approximate

approximately

contribute

contributed

contributes

contributions

series

equip

equipment

appropriate

contract

contracts

instruct

instruction

instructions

goal

goals

index

visual

visualization

visualizing
stress
team
teams
display
displays
category
categories
input
intense
intensity
job
jobs
sphere
spheres
spherical
transmit
transmission
transmitted
academy
academic
external
injure
injury
injured
injuries
component
components
successor
succession
diverse
diversity
revolution
undergo
undergoes
alter
alternate
alternating
alternative
output

parallel

reverse

reversals

vehicle

vehicles

vision

tense

tension

interval

intervals

phenomenon

phenomena

enable

enables

approach

approaches

approaching

aid

aids

neutral

append

appendix

differentiate

differentiation

consequent

consequence

consequences

previous

previously

proportion

proportional

proportions

apparent

portion

rely

reliable

target

capacity

demonstrate

brief

briefly
suspend
 suspended
 suspension
mature
objective
integrate
 integration
significant
modify
 modified
overall
mechanism
 mechanisms
technique
 techniques
enormous
domain
 domains
distinct
flexible
maximize
 maximum
regulate
 regulates
transit
 transition
medical
task
 tasks
derive
 derived
metamorphosis
adjust
 adjustment
rigid
text
trend
 trends
dispose

disposal
depress
depression
depressions
collapse
shift
reveal
revealed
trigger
triggered
initial
plus
revise
parameter
parameters
network
instance
annual
virtual
establish
established
issue
issues
incline
inclined
grade
voluntary
volunteer
assume
framework
insert
prior
capable
monitor
culture
cultures
publish
published
precise
despite

prime

dimension

dimensions

obvious

dynamic

highlight

highlighted

minor

secure

passive

logic

logical

error

isolate

isolated

manipulate

manipulated

somewhat

migrate

overlap

complement

complementary

terminate

terminal

option

optional

ensure

substitute

decade

decades

eliminate

guideline

guidelines

exhibit

outcome

survey

acquire

acquired

incidence

relax

valid

equivalent

drama

dramatic

sum

accumulate

encounter

uniform

liberal

liberate

random

adjacent

margin

debate

whereas

occupy

statistic

statistics

version

likewise

recover