**Depth of Knowledge Vocabulary**

|  |  |
| --- | --- |
| Level Two | Level Three |
| Infer  Categorize  Cause/Effect  Summarize  Predict | Hypothesize  Draw conclusion  Formulate |

**Biology**

genetics

adaptation

aerobic

antibody

antibiotic

antigen

bacteria

biome

cell

cellular respiration

chloroplast

chromosome

cytoplasm

DNA

ecosystem

embryo

evolution

fetus

genetics

gland

hereditary

hormone

inherit

mammal

meiosis

mitosis

mutation

natural selection

organ

pneumonia

Punnett square

Recessive trait

respiration

species

symbiosis

tissue

trait

vaccination

virus

uterus

zygote

**Scientific method**

hypothesis

variable

controlled variable

independent variable

dependent variable

observe

data

conclusion

**Physical Science**

Activation energy

atom

chemical change

chemical formula

chemical equation

chemistry

convection

electron

element

energy

fossil

force

friction

heat transfer

hydrocarbon

insulator

kindling temperature

kinetic energy

liquid

solid

gas

lever

ion

mixture

molecule

momentum

neutron

nuclear reaction

nuclear fusion

oxidation

pH scale

physics

pivot

product

proton

radiation

reactant

resistance

resonance

solid

solubility

solute

solution

thermal energy

**Earth Science**

Air mass

Atmosphere

Big bang theory

Black dwarf

Black hole

Climate change

Continental shelf

Continental slope

Core

Crust

Earthquake

Equator

Evaporation

Fault

Front

Galaxy

Geology

Gravity

Greenhouse effect

Groundwater

Igneous rock

Infrared radiation

Lithosphere

Mantel

Nebula

Plate tectonics

Star

Supernova

Thermosphere

Trench

Troposphere

Ultraviolet light

Universe

Water cycle

White dwarf