**Fourth grade Science Terms**

**Science Process Skills**

Hypothesis\*

Claims\*

Classify\*

Evidence\*

Variable\*

Model\*

Properties (K)\* review and maintain

Procedure (K)\*

Purpose\* (3rd)

Conclusion (3rd)

Investigate (K)

Observe (K)

Observations (K)

Record (1st)

**Magnetism and Electricity Unit**

Attract

Circuit

Component\*

Conductor\* (electricity and heat)

Conduction\* (electricity and heat)

Insulate\* (electricity and heat)

Insulator\* (electricity and heat)

Electricity

Energy\*

 -light, sound, heat, mechanical

Generate\*

Receiver

Repel

Parallel circuit (parallel- math)

Series circuit

Source\*

Magnetism

Magnet force

Force field

Force (1st) \*review and maintain

Magnet (1st)

Push (1st)\*

Pull (1st)\*

**\*= directly supports what 5th graders need to know**

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**Rocks and Minerals unit**

Composition\*

Mineral

Rock (1st) review and maintain

Component\*

Geology (1st)

Geological formation

Erosion\*

Sediment\*

Sedimentary rock

Metamorphic rock

Igneous Rock

Luster

Hardness

Streak test

Physical properties (1st)

**Landforms unit**

Weathering

Erosion\*

Deposition

Floods effects on landforms (and environment)\*

Volcanoes

Earthquakes

Acid rain\*

Deforestation effects on erosion (and environment)\*

Sediment

Canyon

Delta

Flood plain

Landform

Pond\*

Lake\*

River\*

Meander

Slope \*

Tributaries

Valley

Run off (2nd)

Precipitation (2nd)\*

 **( ) = concept or word introduced in previous grades please review these words and maintain student understanding**

**Animal Studies Unit**

Animal (K)\*

Plants (K)\*

Species (2nd, 3rd)

Organism (1st)\*

Individual\*

Population\*

Community\*

Ecosystem\*

Adaptation\* (3rd) plants

Behavioral adaptations

Physical adaptations

Instinct \*

Habitat (1st)

Climate\*

Biotic/ biotic factors\*

Abiotic/ a biotic factors\*

Environment\*

Aquatic (1st, 3rd)\*

Aquarium (K, 1st)\*

Terrestrial (1st, 3rd)\*

Terrarium (K, 1st)\*

Herbivore\*

Carnivore\*

Omnivore \*

Interconnected\*

Competition\*

Prey \*

Predator\*

*Support for 5th-*

Learned behavior\*

Inherited traits\*

Parent\*

Offspring\*

Food Chains\*- energy for survival passed

Food Webs\*

Producer (3rd) plants\*

Primary consumer\*

Secondary consumer\*

Decomposer (3rd)\*

Symbiotic relationships\*

- parasitism, mutualism, commensalism

Ecosystems\*

-pond, lake, river, estuary, salt water marsh, ocean, woodland, marine habitats- \*

Plants and animals of each and types of adaptations they would have\*

Biomes\*

- deciduous forest, tropical rainforest, tundra, taiga, coniferous forest. Deserts, grasslands.-Plants and animals of each and types of adaptations they would have\*

Human Impact\*

Deforestation\*

Habitat reduction\*

Clear cutting\*

Pollution\*

Beneficial changes to environment\*

Harmful changes to environment\*

**All of 4.L.1 is really important for 5th grade**

**\*\*\*Tricky testing terms\*\*\***

Indicate Features

Negatively impact directly dependant /affected

Impact indirectly dependant/affected

Components Due to

Suitable Marine life

Availability Food source

Occupy Content (soil content)

Categorize Event

Specialized Role of

Depiction Characteristic

Device Common feature

Interact immediate

Function long term

Interdependence

\*Data tables numbers or info to answer questions

\*Line graphs to show change over time

\*Finding relationships in food web and food chain diagrams