

## Elementary Division Science General Overview\*

Year A	Year B			Year A	Voor D
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Plants	Animals and their Habitats	Human Body	Ecology: Ecosystems and Biomes	Cells	Classification of Living Things
Five Senses Insects	Food Chain	Life Cycles		Plants	Human eye and sight
Magnetism and	Physical Properties of	Simple Machines	Light and Optics	Principles of Flight	Electricity
Electricity	Matter		Forces and Motion	Matter	Metrology: measurement
Seasons	Composition of the earth & landforms	Weather & the Water Cycle	Geography: rivers and mountains	Astronomy	Geology
Oceans and Ocean Life	Rocks and Minerals	Solar System		Oceans	Meteorology
Tinkering with Magnets and Circuits	Planes, Trains, and Automobiles	Building with Simple Machines	Levees & Dams	Bridges and Tunnels	Rocketry
	Insects  Magnetism and Electricity  Seasons  Oceans and Ocean Life  Tinkering with	Tinkering with Magnets and Ocean Life  Tinkering with Magnets and Magnets and Circuits  Tive Senses  Food Chain  Food Chain  Physical Properties of Matter  Physical Properties of Matter  Physical Properties of Matter  Planes, Trains, and Automobiles	Tinkering with Magnets and Ocean Life Magnets and Circuits  Tive Senses Food Chain Life Cycles  Food Chain Life Cycles  Life Cycles  Life Cycles  Simple Machines  Machines  Weather & the Water Cycle  Solar System  Building with Simple Machines  Machines	Tinkering with Magnets and Bornes Automobiles Rocks Insects  Tive Senses Insects  Food Chain Life Cycles  Life Cycles  Simple Machines Properties of Machines  Forces and Motion  Composition of the earth & landforms Cycle  Tinkering with Magnets and Circuits  Tinkering with Magnets and Circuits  Tive Senses Food Chain Life Cycles  Simple Machines Planes, Simple Solar System  Ecosystems and Biomes  Light and Optics  Forces and Motion  Weather & Geography: rivers and mountains  Solar System  Simple Simple Dams  Machines  Machines	their Habitats  Five Senses Insects  Food Chain Life Cycles  Magnetism and Properties of Electricity  Seasons  Composition of the earth & landforms  Oceans and Ocean Life  Tinkering with Magnets and Circuits  Ecosystems and Biomes  Plants  Plants  Plants  Plants  Principles of Flight  Forces and Matter  Weather & Geography: rivers and mountains  Oceans  Oceans  Building with Simple Dams  Trains, and Automobiles  Machines  Ecosystems and Biomes  Plants  Principles of Flight  Forces and Matter  Matter  Oceans Matter  Astronomy  Foreans  Oceans  Oceans  Oceans  Building with Simple Dams  Trains, and Automobiles  Machines

<sup>\*</sup>As you probably find in your own homeschooling, student enthusiasm and creativity will affect the pace of study and number of topics covered each year

**Class Descriptions:** Integrating "living books," poetry, art, hands-on activities, new vocabulary, and scientific discovery, students will delve into science topics in a lively unit-study format.

<sup>\*</sup>Age groups may be separate or combined, depending on registration numbers.

<sup>\*2019-2020</sup> is an "A" year so teachers will choose from topics in the yellow column.

<sup>\*11-12</sup> year olds are part of our "Junior Division Prep" program. That class description is listed along with the Junior Division.