

Exploring Creation through Physical Science

Terms to define and know:

MODULE 1

Atom
Molecule
Element
Compound
Concentration

MODULE 2

Humidity
Absolute Humidity
Relative Humidity
Combustion
Greenhouse Effect
Global Warming
Ozone
Cost/Benefit Analysis
Parts per Million

MODULE 3

Atmosphere
Atmospheric pressure
Barometer
Homosphere
Heterosphere
Troposphere
Stratosphere
Mesosphere
Jet Streams
Heat
Temperature
Thermosphere
Exosphere
Ionosphere

MODULE 4

Electrolysis
Polar molecule
Nonpolar molecule
Solvent
Solute
Cohesion
Surface Tension
Hard Water

MODULE 5

Hydrosphere
Hydrologic Cycle
Transpiration
Condensation
Precipitation
Distillation
Residence Time
Salinity
Firn
Water Table
Percolation
Adiabatic Cooling
Cloud Condensation Nuclei

MODULE 6

Earth's crust
Sediment
Sedimentary Rock
Igneous rock
Metamorphic rock
Plastic rock
Earthquake
Fault
Focus
Epicenter
Lithosphere
Seismology

MODULE 7

Aphelion
Perihelion
Lines of longitude
Lines of latitude
Coriolis effect
Air mass
Weather front

MODULE 8

Updraft
Insulator
Precipitation
Isotherm

MODULE 9

Meteorology
Reference point
Speed
Velocity
Vector quantity
Scalar quantity
Acceleration
Free fall

MODULE 10

Newton's First Law
Inertia
Friction
Air resistance
Kinetic friction
Static friction
Newton's Third Law

MODULE 11

Gravitational force
Electromagnetic force
Weak force
Strong force
Centripetal force

MODULE 12

Photon
Charging by conduction
Charging by induction
Electric current
Conventional current
Resistance
Open circuit

MODULE 13

Model
Nucleus
Atomic number
Mass number
Isotopes
Element
Radioactive isotope
Half-life

MODULE 14

Transverse wave
Longitudinal wave
Supersonic speed
Sonic boom
Pitch

MODULE 15

Electromagnetic wave
Law of Reflection
Converging lens
Diverging lens

MODULE 16

Nuclear fusion
Nuclear fission
Critical mass
Light year
Galaxy