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High School Science Department (9-12)
Working Draft 2007-2008
Essential Vocabulary

Scientific Method	Life	Physical		Earth/Space
<ul style="list-style-type: none"> ◆ Analyze ◆ Characteristic ◆ Classify ◆ Conclusion ◆ Control ◆ Dependent variable ◆ Experiment ◆ Hypothesis ◆ Independent variable ◆ Interpret ◆ Observation ◆ Scientific method ◆ Theory ◆ Variable 	<ul style="list-style-type: none"> ◆ Adaptation ◆ Biological evolution ◆ Biology ◆ Cell cycles ◆ Chromosome ◆ DNA ◆ Ecosystem ◆ Embryo ◆ Environment ◆ Enzyme ◆ Gene ◆ Genetics ◆ Genome ◆ Greenhouse effect ◆ Habitat ◆ Interdependence of organisms ◆ Metabolism ◆ Mutation ◆ Natural selection ◆ Organism ◆ Parasite ◆ Photosynthesis ◆ Protein ◆ Reproduction ◆ Water cycle 	<ul style="list-style-type: none"> ◆ Bond ◆ Buoyancy ◆ Calorie ◆ Chemical property ◆ Chemical reaction ◆ Circuit ◆ Constant ◆ Current ◆ Density ◆ Displacement ◆ Dynamics ◆ Electricity ◆ Equilibrium ◆ Exothermic reaction ◆ Force ◆ Frequency ◆ Ion ◆ Isotope ◆ Magnitude ◆ Mass ◆ Matter ◆ Mechanics ◆ Metal ◆ Mole 	<ul style="list-style-type: none"> ◆ Momentum ◆ Newton ◆ Nonmetal ◆ Organic/inorganic ◆ Period ◆ Physical property ◆ Physics ◆ Power ◆ Precipitate ◆ Pressure ◆ Product ◆ Radiation ◆ Reactant ◆ Reaction ◆ Reflection ◆ Refraction ◆ Replacement ◆ Resistance ◆ Solution ◆ Speed ◆ Thermal ◆ Torque ◆ Vector ◆ Water ◆ Wave ◆ Work 	<ul style="list-style-type: none"> ◆ Chemistry ◆ Climate ◆ Conduction ◆ Core ◆ Crust ◆ Eclipse ◆ Electromagnetic wave ◆ Electron ◆ Fission/Fusion ◆ Galaxy ◆ Inorganic ◆ Mantle ◆ Mass ◆ Matter ◆ Motion ◆ Neutron ◆ Nucleus ◆ Organic ◆ Ozone ◆ Precipitation ◆ Proton ◆ Radiation ◆ Radioactive decay ◆ Universe