

SUNCOAST SCIENCE

FREE LENDING LIBRARY

And Educational Outreach Programs

Resources for Educators and Students Since 2006

HIGH SCHOOL

PHYSICS

COURSE UNITS	LIBRARY/OUTREACH
States of Matter	Gas Pressure Sensors & Temperature Probes
Properties of Matter	Gas Pressure Sensors & Temperature Probes
Atomic Theory	Electricity Unplugged Power Up
Chemical Reactions	Gas Pressure Sensors & Temperature Probes
Motion	Car & Ramp Lab Constant Velocity Car Kinetic Energy Ball Drop Acceleration Cars
Newton's Laws	Constant Velocity Car Kinetic Energy Ball drop Gyroscopic Wheel & Turntable
Work and Energy	Energy House Kinetic Energy Ball Drop
Thermal Energy	Energy House Storms Lab Weather Forecasting Lab Thermal Energy Kit
Properties of Waves	Light Box & Optical Set Laser Refraction Tank Laser Prism Set Waves & Sound Kit
Sound and Light	Light Box & Optical Set Laser Prism Set Light Refraction Tank Waves & Sound Kit
Electricity	Energy House Electricity Unplugged Power Up
Biogeochemical Cycles	Fossil Specimen Collection Energy House

CHEMISTRY

COURSE UNITS	LIBRARY/OUTREACH
Atomic Theory	Electricity Unplugged Power Up
Quantization of Chemistry	Waves & Sound Kit Light Box & Optical Set
Chemical Reactions	Gas Pressure Sensors & Temperature Probes
Classification of Matter	
Water	Physical Oceanography Energy House
Gases	Gas Pressure Sensors & Temperature Probes
Thermochemistry	Energy Houses Gas Pressure Sensors & Temperature Probes
Kinetics of a Reaction	Gas Pressure Sensors & Temperature Probes
Acids and Bases	Digital pH Meters

BIOLOGY

COURSE UNITS	LIBRARY/OUTREACH
Water	Energy House Physical Oceanography Lab
Plant and Animal Cells	Dino Lite Microscopes Plant & Animal Slide Sets Plant & Animal Cell Models
Plant Parts and Photosynthesis	Dino Lite Microscopes Plant & Animal Slide Sets Plant & Animal Cell Models
Genetics	DNA Electrophoresis
Heredity	Principles of Mendelian Genetics Lab Corn Genetics Lab
Evolution	Fossil Specimen Collection
Origin of Life	Fossil Specimen Collection
Classification	Fossil Specimen Collection
Impacts on the Environment	Energy Houses
Human Body	Organs on Parade