

SUNCOAST SCIENCE LENDING LIBRARY

Free Resource to Educators and Students Since 2006

for ELEMENTARY SCHOOL

5TH GRADE

COURSE	LENDING LIBRARY KIT
UNIT 1 Scientists at Work	What's in Your Water?
UNIT 2 The Solar System and the Universe	Our Star & Outer Space Lab Planets Lab Planetary Shuffle
UNIT 3 Weather Climate and the Water Cycle	Energy House Weather Forecasting Lab Weather Pro Wireless Center What's in Your Water?
UNIT 4 The Nature of Matter	Fact of the Matter Electricity Unplugged Power Up
UNIT 5 Forms of Energy	Energy House Kinetic Energy Ball Drop Gyroscopic Wheel and Turntable Electricity Unplugged Robotics Challenge Power Up Vibration Station
UNIT 6 Working with Electricity	Energy House Electricity Unplugged Power Up
UNIT 7 Forces and Motion	Acceleration Cars Young Isaac Newton
UNIT 8 The Structure of Living Things	Organs on Parade
UNIT 9 Changes in Environments	What's in Your Water?
UNIT 10 Plant and Animal Adaptations	What's in Your Water? Organs on Parade

4TH GRADE

COURSE	LENDING LIBRARY KIT
UNIT 1 Studying Science	Rockin' Geology Robotics Challenge
UNIT 2 Earth's Place in Space	Sky Time
UNIT 3 Rocks, Minerals, and Resources	Rock Collection Rockin' Geology
UNIT 4 Matter and Its Properties	Magnet Kit Thermal Energy Kit Fact of the Matter
UNIT 5 Matter and Its Changes	Salt Water Cars Thermal Energy Kit Chemical Heat Packs Digital pH Meters
UNIT 6 Energy and Its Uses	Energy House Tuning Fork Kit Electricity Unplugged Power Up Robotics Challenge Vibration Station
UNIT 7 Heat	Thermal Energy Kit Energy House
UNIT 8 Forces and Motion	Constant Velocity Cars Acceleration Cars Young Isaac Newton Robotics Challenge
UNIT 9 Life Cycles and Growth	Plant Maze Hydroponics Kit

3RD GRADE

COURSE	LENDING LIBRARY KIT
UNIT 1 Investigating Questions	Young Isaac Newton
UNIT 2 Earth & Stars	Energy House Planetary Shuffle
UNIT 3 Properties of Matter	Thermal Energy Kit Fact of the Matter Ooey Gooley Gloop
UNIT 4 Forms of Energy	Energy House Light Box & Optical Set Electricity Unplugged Vibration Station Young Isaac Newton
UNIT 5 Heat Sources	Thermal Energy Kit
UNIT 6 Plants and the Environment	Plant Maze Hydroponics Kit Six Plant Parts
UNIT 8 Living things Change	Six Plant Parts

2ND GRADE

COURSE	LENDING LIBRARY KIT
UNIT 1 Work Like a Scientist Ooey Gooley Gloop Six Plant Parts	Fact of the Matter
UNIT 2 Earth's Surface	Dino Lite Microscopes
UNIT 3 Weather Energy House	Weather Pro Wireless Center
UNIT 4 All About Matter Ooey Gooley Gloop	Fact of the Matter
UNIT 5 Matter Can Change Ooey Gooley Gloop	Thermal Energy Kit
UNIT 6 Energy Electricity Unplugged	Energy House
UNIT 7 Forces and Motion Young Isaac Newton	Magnet Kit
UNIT 9 Life Cycles Hydroponics Kit Six Plant Parts	Plant Maze
UNIT 10 Basic Needs and Environments Hydroponics Kit Six Plant Parts	Plant Maze

1ST GRADE

COURSE	LENDING LIBRARY KIT
UNIT 1 How Scientists Work	Ooey Gooley Gloop Young Isaac Newton Planetary Shuffle Six Plant Parts
UNIT 2 Objects in the Sky	Dino Lite Digital Microscopes Planetary Shuffle
UNIT 4 Matter	Thermal Energy Kit
UNIT 5 Motion	Planetary Shuffle Young Isaac Newton Ooey Gooley Gloop
UNIT 6 Living Things	Plant Maze Hydroponics Kit Six Plant Parts
UNIT 7 Living Things and Their Parents	Six Plant Parts
UNIT 8 Plant and Animal Needs	Plant Maze Hydroponics Kit Six Plant Parts

KINDERGARTEN

COURSE	LENDING LIBRARY KIT
UNIT 1 Doing Science Planetary Shuffle Ooey Gooley Gloop	Six Plant Parts
UNIT 3 Plants Hydroponics Kit Six Plant Parts	Plant Maze
UNIT 4 Day and Night	Planetary Shuffle
UNIT 5 Matter	Ooey Gooley Gloop
UNIT 6 Energy	Tuning Fork Kit
UNIT 7 Motion Planetary Shuffle	Magnet Kit

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PHYSICAL SCIENCE		LIFE SCIENCES		EARTH & SPACE SCIENCE	
COURSE UNITS	LENDING LIBRARY KIT	COURSE UNITS	LENDING LIBRARY KIT	COURSE UNITS	LENDING LIBRARY KIT
Atoms, Molecules & Compounds	Digital pH Meters Fact of the Matter What's in Your Water? Power Up Electricity Unplugged	Cell Theory and Cell Structure	Dino Lite Digital Microscopes Plant & Animal Slide Sets Plant & Animal Cell Models	Earth's Atmosphere	Weather Forecasting Lab Storms Lab Energy Houses
Physical and Chemical Changes	Thermal Energy Kit Chemical Heat Packs Energy House (physical changes only) Storms Lab (physical changes only) Salt Water Cars	Classification	Classification: Where Do You Fit?	Weather	Energy Houses Storms Lab Weather Forecasting Lab Weather Pro Wireless Center Physical Oceanography
Properties of Matter	Energy Houses Density Kit Fact of the Matter Physical Oceanography Lab Young Isaac Newton Storms Lab Weather Forecasting Lab	Genetics	Genetic Corn Activity Principles of Mendelian Genetics Lab Dynamic DNA	Impact of Natural Disasters	Storms Lab
Energy Transformations	Energy Houses Gyroscope Kinetic Energy Ball Drop Acceleration Cars	Evolution of Living Organisms	Fossil Specimen Collection	Earth's Layers and Plate Tectonics	Physical Oceanography Lab Tectonic Sandbox Rockin' Geology
Forces	Kinetic Energy Ball Drop Car & Ramp Lab Young Isaac Newton	Body Systems	Organs on Parade	The Earth's Surface	Rockin' Geology What's in Your Water?
Motion	Constant Velocity Cars Gyroscopic Wheel & Turntable Car & Ramp Lab Acceleration Cars Young Isaac Newton	Ecosystems	What's in Your Water?	Geologic Time	Fossil Specimen Collection
Heat	Weather Lab Storms Lab Energy Houses Physical Oceanography Lab Thermal Energy Kit Fact of the Matter			Sun, Earth, Moon System	Physical Oceanography Lab Planets Lab Sky Time
Light & Sound	Light Box & Optical Set Laser Refraction Tank Laser Prism Set Vibration Station			Solar System and the Universe	Our Star & Outer Space Lab Planets Lab Sky Time
The Sun's Energy	Our Star & Outer Space Lab			The Sun and Stars	Our Star & Outer Space Lab

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PHYSICS		CHEMISTRY		BIOLOGY	
COURSE UNITS	LENDING LIBRARY KIT	COURSE UNITS	LENDING LIBRARY KIT	COURSE UNITS	LENDING LIBRARY KIT
States of Matter	Gas Pressure Sensors & Temperature Probes	Atomic Theory	Electricity Unplugged Power Up	Water	Energy House Physical Oceanography Lab
Properties of Matter	Gas Pressure Sensors & Temperature Probes	Quantization of Chemistry	Waves & Sound Kit Light Box & Optical Set	Plant and Animal Cells	Dino Lite Microscopes Plant & Animal Slide Sets Plant & Animal Cell Models
Atomic Theory	Electricity Unplugged Power Up	Chemical Reactions	Gas Pressure Sensors & Temperature Probes	Plant Parts and Photosynthesis	Dino Lite Microscopes Plant & Animal Slide Sets Plant & Animal Cell Models
Chemical Reactions	Gas Pressure Sensors & Temperature Probes	Classification of Matter		Genetics	DNA Electrophoresis
Motion	Car & Ramp Lab Constant Velocity Car Kinetic Energy Ball Drop Acceleration Cars	Water	Physical Oceanography Energy House	Heredity	Principles of Mendelian Genetics Lab Corn Genetics Lab
Newton's Laws	Constant Velocity Car Kinetic Energy Ball drop Gyroscopic Wheel & Turntable	Gases	Gas Pressure Sensors & Temperature Probes	Evolution	Fossil Specimen Collection
Work and Energy	Energy House Kinetic Energy Ball Drop	Thermochemistry	Energy Houses Gas Pressure Sensors & Temperature Probes	Origin of Life	Fossil Specimen Collection
Thermal Energy	Energy House Storms Lab Weather Forecasting Lab Thermal Energy Kit	Kinetics of a Reaction	Gas Pressure Sensors & Temperature Probes	Classification	Fossil Specimen Collection
Properties of Waves	Light Box & Optical Set Laser Refraction Tank Laser Prism Set Waves & Sound Kit	Acids and Bases	Digital pH Meters	Impacts on the Environment	Energy Houses
Sound and Light	Light Box & Optical Set Laser Prism Set Light Refraction Tank Waves & Sound Kit			Human Body	Organs on Parade
Electricity	Energy House Electricity Unplugged Power Up				
Biogeochemical Cycles	Fossil Specimen Collection Energy House				