

SUNCOAST SCIENCE

FREE LENDING LIBRARY

And Educational Outreach Programs

Resources for Educators and Students Since 2006

ELEMENTARY SCHOOL

5TH GRADE

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

1ST GRADE

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