

**Correlation to Academic Standards**  
**Florida: Next Generation Sunshine State Standards – Science**  
**(Grades 4 – 12)**

Earth and Space Science

*SC.E.5 – Earth in Space and Time*

- Space Gravity
- Bot Miner
- Galaxy

*SC.E.6 – Earth Structures*

- Erosion Control
- Scouring

*SC.E.7 – Earth Systems and Patterns*

- Storm Surge
- Weather
- Tornado
- Data Analytics
- Sunny Shelter
- Trouble Incorporated
- Water Quality
- Fleet Manager

Life Science

*SC.L.14 – Organization and Development of Living Organisms*

- Bacteria
- Gram Staining
- Platelets
- Protista
- Flu Transmission
- Funky Food
- Smallpox

*SC.L.15 – Diversity of Evolution of Living Organisms*

- Influenza

*SC.L.16 – Heredity and Reproduction*

- DNA Fingerprinting
- Fingerprinting
- Face Recognition
- Microexpressions

*SC.L.17 – Interdependence*

- Crop Protection
- Flu Transmission
- Flea Experiment
- Fish Experiment
- Pool Bacteria
- Manatee Strike Zone
- Rift Valley Fever
- Fisheries
- Unmanned Surface Vehicle

*SC.L.18 – Matter and Energy Transformation*

- Nitrogen Cycle
- Trophic Towers

## Nature of Science

### *SC.N.3 – The Role of Theories, Laws, Hypotheses, and Models*

- 🚀 Data Analysis
- 🚀 Mental Rotations
- 🚀 Stats Entertainment
- 🚀 Mathematical Methods
- 🚀 Social Networking
- 🚀 Data Visualization
- 🚀 Map Coloring
- 🚀 Data Analytics
- 🚀 Supply Line
- 🚀 Bridge Out

## Physical Science

### *SC.P.8 – Properties of Matter*

- 🚀 Desalination
- 🚀 Fluid Density
- 🚀 Solutions
- 🚀 Buckyballs
- 🚀 Chemical Mixer
- 🚀 Body Fluid Dilution
- 🚀 Mystery Powder
- 🚀 Negative Cement
- 🚀 Concrete Structures
- 🚀 Explosion Shield
- 🚀 Spectroscopy
- 🚀 Bridge Metal

### *SC.P.9 – Changes in Matter*

- 🚀 Heal Thyself
- 🚀 Betavoltaics
- 🚀 Super Cells
- 🚀 Electric Potato
- 🚀 Map Coloring
- 🚀 Calorimetry
- 🚀 Buckyballs
- 🚀 Bacteria Miner

### *SC.P.10 – Forms of Energy*

- 🚀 Calorimetry
- 🚀 Energy Downer
- 🚀 Solar Cells
- 🚀 Wind Power
- 🚀 Energy Land
- 🚀 Betavoltaics
- 🚀 Electric Power
- 🚀 Fuel Cells

### *SC.P.11 – Energy Transfer and Transformations*

- 🚀 Machines
- 🚀 Modular Synthesizer
- 🚀 Ship Tracking
- 🚀 Bright Ideas
- 🚀 Green Building
- 🚀 Insulation
- 🚀 Solar Cells
- 🚀 Energy Downer
- 🚀 Electrical Appliances
- 🚀 Sun Banking
- 🚀 Charge
- 🚀 Spectroscopy
- 🚀 Desalination

### *SC.P.12 – Motion of Objects*

- 🚀 Acceleration
- 🚀 Boat Builder
- 🚀 Push-A-Cart
- 🚀 Trench Dive

### *SC.P.13 – Forces and Changes in Motion*

- 🚀 Dronopter
- 🚀 Space Gravity
- 🚀 Water Rockets
- 🚀 Wind Tunnel
- 🚀 Car Crash
- 🚀 Concrete Structures