

## Florida Next Generation Science Standards

### **Standard 1: The Practice of Science**

SC.912.N.1.1

- The End of Cheap Oil
- Climate Change
- Healthy Air Matters
- On the Road Again
- Battery Power
- Fuel Cells - Futuristic Battery

SC.912.N.1.3

- Climate Change

SC.912.N.1.4

- The End of Cheap Oil
- Climate Change
- Healthy Air Matters
- Cruisin' the Car Show
- Transportation History

SC.912.N.1.6

- The End of Cheap Oil

SC.912.N.1.7

- What the Stink?
- Transportation History

### **Standard 2: The Characteristics of Scientific Knowledge**

SC.912.N.2.4

- Climate Change

### **Standard 3: The Role of Theories, Laws, Hypotheses, and Models**

SC.912.N.3.1

- Climate Change

SC.912.N.3.2

- Climate Change

SC.912.N.3.3

- Fuel Cells - Futuristic Battery

SC.912.N.3.5

- Climate Change

### **Standard 4: Science and Society**

SC.912.N.4.1

- Climate Change
- Healthy Air Matters

SC.912.N.4.2

- World Population
- The End of Cheap Oil
- Healthy Air Matters
- What the Stink?
- Cruisin' the Car Show
- Roadtrip!
- Transportation History

**Standard 5: Earth in Space and Time**

SC.912.E.5.4

- Climate Change

**Standard 6: Earth Structures**

SC.912.E.6.1

- The End of Cheap Oil

SC.912.E.6.6

- The End of Cheap Oil
- Climate Change
- Healthy Air Matters
- What the Stink?
- Transportation History

**Standard 7: Earth Systems and Patterns**

SC.912.E.7.3

- Climate Change

SC.912.E.7.6

- Climate Change

SC.912.E.7.7

- Climate Change

SC.912.E.7.8

- Climate Change

SC.912.E.7.9

- Climate Change

**Standard 8: Matter**

SC.912.P.8.1

- Fuel Cells - Futuristic Battery

SC.912.P.8.2

- Fuel Cells - Futuristic Battery

SC.912.P.8.4

- Fuel Cells - Futuristic Battery

SC.912.P.8.7

- Fuel Cells - Futuristic Battery

SC.912.P.8.8

- Battery Power
- Fuel Cells - Futuristic Battery

SC.912.P.8.10

- Battery Power
- Fuel Cells - Futuristic Battery

**Standard 10: Energy**

SC.912.P.10.1

- Fuel Cells - Futuristic Battery
- Roadtrip!

SC.912.P.10.2

- Fuel Cells - Futuristic Battery

SC.912.P.10.3

- Fuel Cells - Futuristic Battery

SC.912.P.10.15

- Fuel Cells - Futuristic Battery

**Standard 14: Organization and Development of Living Organisms**

SC.912.L.14.6

- Healthy Air Matters
- What the Stink?

**Standard 17: Interdependence**

SC.912.L.17.1

- World Population

SC.912.L.17.5

- World Population

SC.912.L.17.11

- The End of Cheap Oil
- Climate Change
- Healthy Air Matters
- What the Stink?

SC.912.L.17.12

- The End of Cheap Oil

SC.912.L.17.13

- The End of Cheap Oil
- Climate Change
- Healthy Air Matters
- What the Stink?

SC.912.L.17.14

- The End of Cheap Oil

SC.912.L.17.15

- The End of Cheap Oil
- Climate Change
- Healthy Air Matters
- On the Road Again
- Cruisin' the Car Show
- Transportation History

SC.912.L.17.16

- The End of Cheap Oil
- Climate Change
- Healthy Air Matters
- What the Stink?
- On the Road Again
- Roadtrip!
- Transportation History

SC.912.L.17.17

- The End of Cheap Oil
- Healthy Air Matters
- What the Stink?
- Cruisin' the Car Show

SC.912.L.17.18

- World Population
- The End of Cheap Oil
- What the Stink?
- Transportation History

SC.912.L.17.19

- The End of Cheap Oil

SC.912.L.17.20

- World Population
- The End of Cheap Oil
- Climate Change
- Healthy Air Matters
- What the Stink?
- On the Road Again

# National Common Core Standards

## **Matter and Its Interactions**

HS-PS1-2

- Fuel Cells - Futuristic Battery

## **Motion and Stability: Forces and Interactions**

HS-PS2-6

- Fuel Cells - Futuristic Battery

## **Energy**

HS-PS3-2

- Battery Power
- Fuel Cells - Futuristic Battery

HS-PS3-3

- Battery Power

## **From Molecules to Organisms: Structures and Processes**

HS-LS1-5

- The End of Cheap Oil

## **Ecosystems: Interactions, Energy, and Dynamics**

HS-LS2-1

- World Population

HS-LS2-3

- Climate Change

HS-LS2-5

- The End of Cheap Oil
- Climate Change

HS-LS2-6

- Climate Change

HS-LS2-7

- Climate Change
- What the Stink?

## **Biological Evolution: Unity and Diversity**

HS-LS4-5

- Climate Change

## **Earth's Systems**

HS-ESS2-2

- The End of Cheap Oil
- Climate Change

HS-ESS2-4

- Climate Change

HS-ESS2-6

- The End of Cheap Oil

## **Earth and Human Activity**

### **HS-ESS3-4**

- Healthy Air Matters
- What the Stink?
- Fuel Cells - Futuristic Battery
- Cruisin' the Car Show

### **HS-ESS3-5**

- Climate Change

### **HS-ESS3-6**

- Climate Change

## **Engineering Design**

### **HS-ETS1-1**

- What the Stink?

### **ETS1-3**

- What the Stink?
- Cruisin' the Car Show