

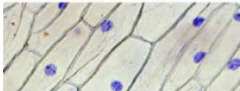


# Recommended Units for the New York State P-12 Science Learning Standards

## 6th Grade

### UNIT 1

Systems and Subsystems in Earth and Life Science



Cells



Interactions of  
Body Systems



Sun-Earth System &  
Solar System Gravity

### UNIT 2

Earth System Interactions Cause Weather



Thermal  
Energy



Water Cycle



Weather

### UNIT 3

Causes and Effects of  
Regional Climates



Oceans & Climate

### UNIT 4

Effects of Global Warming  
on Living Systems



Climate Change &  
Ecological Footprint

## 7th Grade

### UNIT 1

Organisms and Nonliving Things Are Made  
of Atoms



Atoms &  
Molecules



States of  
Matter



Chemical &  
Physical  
Changes

### UNIT 2

Matter Cycles and Energy Flows  
through Organisms and Rocks



Photosynthesis



Rock Cycle &  
Earth's History

### UNIT 3

Natural Processes and Human Activities  
Shape Earth's Resources and Ecosystems



Renewable  
Resources



Plate Tectonics



Earthquakes &  
Volcanoes

### UNIT 4

Sustaining Biodiversity and Ecosystems  
Service in a Changing World



Biodiversity

## 8th Grade

### UNIT 1

Objects Move and Collide



Force &  
Motion



Potential &  
Kinetic Energy

### UNIT 2

Noncontact Forces Influence Phenomena



Electricity

### UNIT 3

Evolution Explains Life's Unity and Diversity



Mutations



Selection &  
Adaptations



Genetics &  
Environment



Evidence of  
Evolution

### UNIT 4

Sustaining Local and  
Global Biodiversity



Spheres