

Benchmark	Benchmark Topic	
8.3.2.2.1	Composition and Structure of Atmosphere	Concepts
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.3.1.2	Gravity and Inertia	Concepts
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Concepts
8.3.2.2.2	Fronts and Pressure Systems (weather)	Concepts
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.2.2.2	Fronts and Pressure Systems (weather)	Concepts
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Concepts
8.3.2.2.2	Fronts and Pressure Systems (weather)	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.2.3.2	Water Cycle	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Concepts
8.3.2.2.2	Fronts and Pressure Systems (weather)	Concepts
8.3.2.2.2	Fronts and Pressure Systems (weather)	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.2.2.1	Composition and Structure of Atmosphere	Concepts
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Concepts
8.3.2.2.1	Composition and Structure of Atmosphere	Concepts
8.3.2.3.2	Water Cycle	Concepts
8.3.2.2.2	Fronts and Pressure Systems (weather)	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.3.1.2	Gravity and Inertia	Concepts
8.3.3.1.5	Earth, moon, sun relationships	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Concepts
8.3.3.1.5	Earth, moon, sun relationships	Concepts
8.3.3.1.5	Earth, moon, sun relationships	Concepts
8.3.3.1.5	Earth, moon, sun relationships	Concepts
8.3.2.2.1	Composition and Structure of Atmosphere	Concepts
8.3.2.2.2	Fronts and Pressure Systems (weather)	Concepts
8.3.2.2.2	Fronts and Pressure Systems (weather)	Concepts
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Concepts
8.3.2.3.2	Water Cycle	Concepts
8.3.3.1.5	Earth, moon, sun relationships	Concepts
8.3.2.3.2	Water Cycle	Concepts
8.3.2.2.1	Composition and Structure of Atmosphere	Concepts
8.3.2.2.1	Composition and Structure of Atmosphere	Concepts
8.3.1.2.1	Landforms/Crustal Deformation	Concepts
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.1.2.1	Landforms/Crustal Deformation	Concepts
8.3.3.1.5	Earth, moon, sun relationships	Concepts
8.3.1.2.1	Landforms/Crustal Deformation	Concepts

8.3.1.2.1	Landforms/Crustal Deformation	Concepts
8.3.3.1.2	Gravity and Inertia	Concepts
8.3.2.3.2	Water Cycle	Concepts
8.3.3.1.5	Earth, moon, sun relationships	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.2.3.2	Water Cycle	Concepts
8.3.3.1.5	Earth, moon, sun relationships	Concepts
8.3.2.2.1	Composition and Structure of Atmosphere	Concepts
8.3.1.2.1	Landforms/Crustal Deformation	Concepts
8.3.2.2.2	Fronts and Pressure Systems (weather)	Concepts
8.3.2.2.1	Composition and Structure of Atmosphere	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Concepts
8.3.3.1.2	Gravity and Inertia	Concepts
8.3.4.1.2	Land and Water Use	Concepts
8.3.2.2.2	Fronts and Pressure Systems (weather)	Concepts
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Concepts
8.3.3.1.2	Gravity and Inertia	Concepts
8.3.4.1.2	Land and Water Use	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.4.1.2	Land and Water Use	Concepts
8.3.4.1.2	Land and Water Use	Concepts
8.3.1.2.1	Landforms/Crustal Deformation	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.3.1.2	Gravity and Inertia	Concepts
8.3.2.3.2	Water Cycle	Concepts
8.3.3.1.5	Earth, moon, sun relationships	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.4.1.2	Land and Water Use	Concepts
8.3.3.1.2	Gravity and Inertia	Concepts
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Concepts
8.3.2.3.2	Water Cycle	Concepts
8.3.3.1.5	Earth, moon, sun relationships	Concepts
8.3.1.1.3	Tectonic Plates	Concepts
8.3.3.1.5	Earth, moon, sun relationships	Concepts
8.3.2.2.2	Fronts and Pressure Systems (weather)	Concepts
8.3.2.3.2	Water Cycle	Concepts
8.3.3.1.2	Gravity and Inertia	Concepts
8.3.1.2.1	Landforms/Crustal Deformation	Concepts
8.3.3.1.2	Gravity and Inertia	Concepts
8.3.2.2.1	Composition and Structure of Atmosphere	Concepts
8.3.3.1.5	Earth, moon, sun relationships	Concepts
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8.3.2.2.2	Fronts and Pressure Systems (weather)	Concepts
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8.3.1.1.3	Tectonic Plates	Concepts
8.3.1.2.1	Landforms/Crustal Deformation	Concepts

8.3.2.3.2	Water Cycle	Concepts
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Concepts
8.3.2.3.2	Water Cycle	Concepts
8.3.4.1.2	Land and Water Use	Concepts
8.3.4.1.2	Land and Water Use	Concepts
8.3.1.2.1	Landforms/Crustal Deformation	Concepts
8.3.2.2.2	Fronts and Pressure Systems (weather)	Concepts
8.3.2.3.2	Water Cycle	Skills
8.3.1.2.1	Landforms/Crustal Deformation	Skills
8.3.3.1.2	Gravity and Inertia	Skills
8.3.2.2.1	Composition and Structure of Atmosphere	Skills
8.3.2.2.2	Fronts and Pressure Systems (weather)	Skills
8.3.2.3.2	Water Cycle	Skills
8.3.4.1.2	Land and Water Use	Skills
8.3.1.2.1	Landforms/Crustal Deformation	Skills
8.3.2.3.2	Water Cycle	Skills
8.3.1.2.1	Landforms/Crustal Deformation	Skills
8.3.2.2.2	Fronts and Pressure Systems (weather)	Skills
8.3.3.1.2	Gravity and Inertia	Skills
8.3.1.2.1	Landforms/Crustal Deformation	Skills
8.3.2.3.2	Water Cycle	Skills
8.3.1.1.3	Tectonic Plates	Skills
8.3.4.1.2	Land and Water Use	Skills
8.3.2.3.2	Water Cycle	Skills
8.3.1.1.3	Tectonic Plates	Skills
8.3.2.3.2	Water Cycle	Skills
8.3.1.1.3	Tectonic Plates	Skills
8.3.2.3.2	Water Cycle	Skills
8.3.1.2.1	Landforms/Crustal Deformation	Skills
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8.3.2.2.1	Composition and Structure of Atmosphere	Skills
8.3.2.2.2	Fronts and Pressure Systems (weather)	Skills
8.3.1.1.3	Tectonic Plates	Skills
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8.3.2.3.2	Water Cycle	Skills
8.3.3.1.2	Gravity and Inertia	Skills
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8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Skills
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Skills
8.3.2.2.1	Composition and Structure of Atmosphere	Skills
8.3.2.3.2	Water Cycle	Skills
8.3.3.1.2	Gravity and Inertia	Skills
8.3.2.2.1	Composition and Structure of Atmosphere	Skills

8.3.1.2.1	Landforms/Crustal Deformation	Skills
8.3.2.1.3	Convection, Wind, Etc. in Atmosphere	Skills
8.3.3.1.5	Earth, moon, sun relationships	Skills
8.3.1.1.3	Tectonic Plates	Skills
8.3.4.1.2	Land and Water Use	Skills
8.3.2.2.2	Fronts and Pressure Systems (weather)	Skills
8.3.3.1.2	Gravity and Inertia	Skills

Concept/Skill

- *Air Pollution
- *Atmospheric Pressure
- *Cause and Effect
- *Celestial
- *Climate
- *Climate
- *Conduction
- *Convection
- *Convection
- *Coriolis Effect
- *Coriolis Effect
- *Crust
- *Crust
- *Density
- *Density
- *Density
- *Dew Point
- *Earth's Layers
- *Global
- *Global Wind Patterns
- *Greenhouse Effect
- *Ground Water
- *High/Low Pressure
- *Inner Core
- *Landforms
- *Motion
- *Orbit
- *Outer Core
- *Processes
- *Radiation
- *Revolution
- *Rotation
- *Seasons
- *Temperature and Pressure of Layers
- *Weather
- Air Pressure
- Atmosphere
- Atmosphere
- Axis
- Circulation
- Climates
- Composition of Atmosphere
- Constructive Forces
- Convection
- Core
- Crustal Deformation
- Day Length
- Deposition

***SKILLS AND CONCEPTS THAT WERE ADDED
BY SPPS UNWRAPPING TEAM**

Earth Sci - TO DO ON 11/13/09

Still need to be unwrapped:
8.3.1.3.1 Interpreting Rock Layers
2 8th grade physical science
8th grade NOSE

Need to complete SKILLS & CONCEPTS CHART

Pre/AP unwrap and skills & concepts chart

Destructive Forces
Distance
Distribution
Earth
Earthquakes
Earth's Surface
Eclipses
Energy Absorption
Erosion
Fronts
Gases in the Atmosphere
Geological Events
Global Climate
Gravity
Human Systems
Humidity
Hydrosphere
Inertia
Interact
Interactions
Interference
Land Use
Landforms
Lithosphere
Mantle
Mass
Materials
Moon
Mountain Building
Movement
Natural Processes
Objects
Ocean Currents
Oceans
Phases of the Moon
Plates
Predictable Motion
Pressure Systems
Purification
Regular & Predictable
Sediment
Solar System
Structure of Atmosphere
Sun
Tectonic
Temperature
Units
Volcanic Eruptions
Volcanoes

Water
Water Cycle
Water Cycle
Water Use
Water/Land Practices
Weather
Wind
*Analyze
*Application
*Calculate
*Cause
*Cause and Effect
*Cause and Effect
*Cause and Effect
*Classify
*Classify
*Compare/Contrast
*Compare/Contrast
*Compare/Contrast
*Comprehension
*Conclude
*Describe
*Describe
*Draw
*Explain
*Explain
*Identify
*Identify
*Infer
*Interpret
*Interpret
*Interpret
*Model
*Model
*Model
*Model
*Predict
*Predict
*Predict
*Questioning
*Recognize
*Show
Analyze
Cause & Effect
Compare & Contrast
Describe
Describe
Describe
Effect

Explain
Explain
Explain
Recognize
Recognize
Relate
Understand