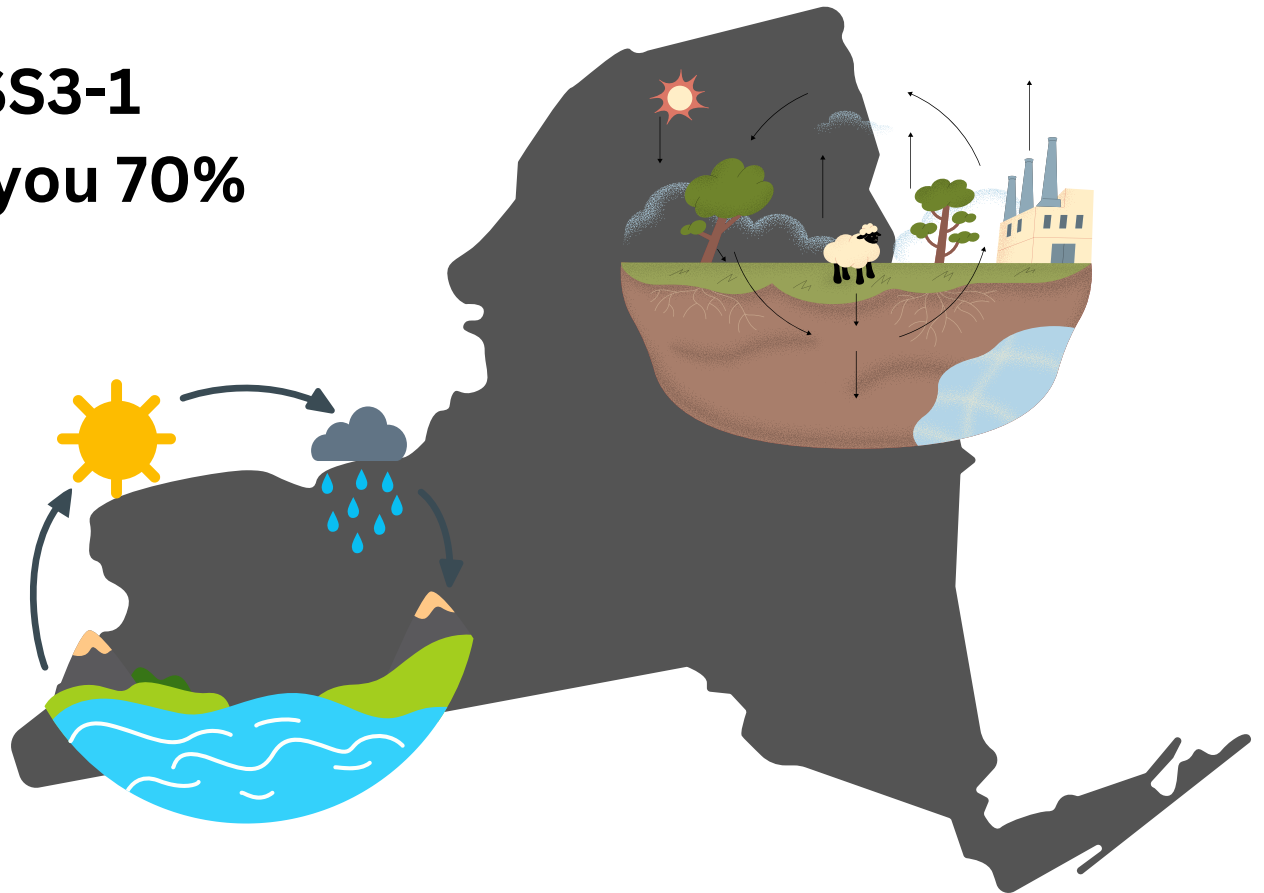


New York State P-12 Science Learning Standards (NYSSLS)

MS. Earth's Systems

- ✓ Complete Standard for New York Middle School - Earth's Systems Standard
- ✓ MS-ESS2-1, ESS2-4, ESS3-1
- ✓ The Bundle will SAVE you 70%



UPGRADE to the Bundle



This Bundle:

- Get immediate access to my **COMPLETE** New York State Middle School Curriculum
- Every standard covered at a **HUGE DISCOUNT**

New York Middle School Science Curriculum

New York State P-12 Science Learning Standards (NYSSLS)

- ✓ Standards are directly aligned to New York State Middle School Science Standards according to the New York State Education Department
- ✓ The Bundle will SAVE you 80%



Click here to have a look

Resources Included

MS-ESS2-1

- Rock Types and the Rock Cycle Lesson
- Earths Systems and the Rock Cycle Review Game Science Word Sprint
- The Rock Cycle - Scavenger Hunt
- The Rock Cycle Lab Station Activity
- The Rock Cycle Word Search and Scramble Activity
- Weathering, Erosion, and Deposition Lesson



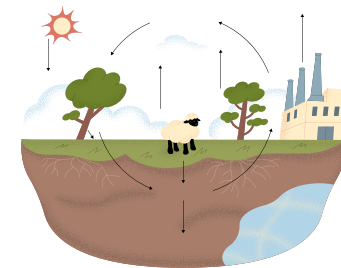
MS-ESS2-4

- Water Cycle Lesson
- Crash Course Video Worksheet - The Hydrologic and Carbon Cycles
- Water Cycle Diagram Activity
- The Water Cycle Word Search and Scramble Activities
- The Water Cycle Reading



MS-ESS3-1

- Biomass and Fossil Fuels Lesson
- Biomass and Fossil Fuels Digital INB Pages
- Crash Course Worksheet - Can We Make Electricity without Fossil Fuels
- Crash Course Worksheet - Can We Keep Warm and Stay Cool Without Fossil Fuels
- Case Study - The Devastating Impact of Industrial Pollution on Local Water Source
- Fossil Fuel and Nuclear Energy Production - Scavenger Hunt
- Fossil Fuels Reading
- Nonrenewable Energy Sources Lab Station Activity
- Tectonic Plates Lesson
- Weathering, Erosion, and Deposition Lesson
- The Water Table Lesson
- Volcanoes Reading
- Earth's Natural Resources - Mineral, Energy, and Groundwater Lesson
- Crash Course Worksheet - Mineral Extraction
- Build Your Own Aquifer Project



Bundles Included

NGSS MS-ESS2-1

Curriculum Bundle

The Cycling of Earth's Materials

- ✓ 2 Lessons and 4 Activities
- ✓ Everything You Need to Teach NGSS MS-ESS2-1



NGSS MS-ESS2-4

Curriculum Bundle

The Water Cycle

- ✓ 1 Lesson and 5 Activities
- ✓ Everything You Need to Teach NGSS MS-ESS2-4



NGSS MS-ESS3-1

Curriculum Bundle

Earth's Uneven Natural Resources

- ✓ 5 Lessons and 10 Activities
- ✓ Everything You Need to Teach NGSS MS-ESS3-1



Everything You Need to Teach Middle School Earth's Systems in New York State using NYSSLS

Complete Lessons

Earth's Natural Resources Lesson
Minerals, Energy, and Groundwater
6th, 7th, 8th Grade

- ✓ Covers: Minerals, energy sources, and groundwater
- ✓ For Each, the Lesson Teaches: Formation, location, extraction, and human impact of natural resources.
- ✓ Ideal for Middle School Science
- ✓ No-Prep Resource



Reading Comprehension Passage & Questions

The Water Cycle

6th, 7th, and 8th Grade Science

- ✓ No Prep, Ready-to-Use Resource in Google and Office Format
- ✓ Includes Comprehension and Extension Questions



Biomass, Fossil Fuels, and Acid Precipitation

- What is Biomass?
- Biomass → Fossil Fuels
- Burning Fossil Fuels and the Greenhouse Effect
- Fuel from Biomass
- Acid Precipitation and pH

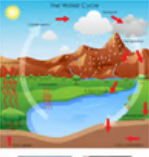


Google Slides and PowerPoint Versions Included
Google Classroom Ready

The Water Cycle

Included in your bundle:

- The Water Cycle
- Phases of Water
- Evaporation
- Condensation
- Precipitation
- Infiltration
- Runoff (Accumulation)
- Transpiration



TWF

Erosion, Weathering, and Deposition
MIDDLE SCHOOL – EARTH SCIENCE

- Physical Weathering
- Chemical Weathering
- Erosion
- Sediment Transport
- Deposition



Engaging Activities

Device-Based Scavenger Hunt
The Rock Cycle



Includes

- 5 Unique Locations
- Online form submission
- Answer Key

Works on all smartphones, tablets, Chromebooks, and laptops

- 100% Digital
- Simulations
- Quizzes
- Videos
- Games
- and more



Case Study
"Toxic Waters: The Devastating Impact of Industrial Pollution on a Local Water Source"

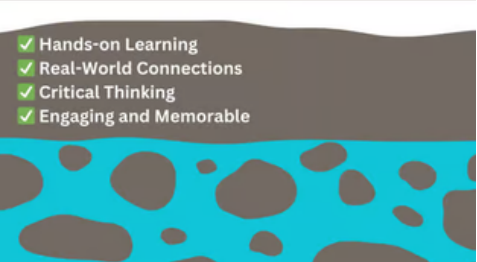


Improve your students' Scientific Literacy and Analysis Skills, use an Emergency Substitute Plan or create Applicability in your classroom.

TWF

Build Your Own Aquifer
6th, 7th, 8th Grade Project

- ✓ Hands-on Learning
- ✓ Real-World Connections
- ✓ Critical Thinking
- ✓ Engaging and Memorable



The Standard is Explained and the Resources it Incorporates are Outlined

MS. Earth's Systems – New York State – Middle School

MS-ESS2-1. Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process. [Clarification Statement: Emphasis is on the processes of melting, crystallization, weathering, deformation, and sedimentation, which act together to form minerals and rocks through the cycling of Earth's materials.] [Assessment Boundary: Assessment does not include the identification and naming of minerals.]

Resources:

- Rock Types and the Rock Cycle Lesson
- Earths Systems and the Rock Cycle Review Game Science Word Sprint
- The Rock Cycle - Scavenger Hunt
- The Rock Cycle Lab Station Activity
- The Rock Cycle Word Search and Scramble Activity
- Weathering, Erosion, and Deposition Lesson

MS-ESS2-4. Develop a model to describe the cycling of water through Earth's systems driven by energy from the sun and the force of gravity. [Clarification Statement: Emphasis is on the ways water changes its state as it moves through the multiple pathways of the hydrologic cycle. Examples of models can be conceptual or physical.] [Assessment Boundary: A quantitative understanding of the latent heats of vaporization and fusion is not assessed.]

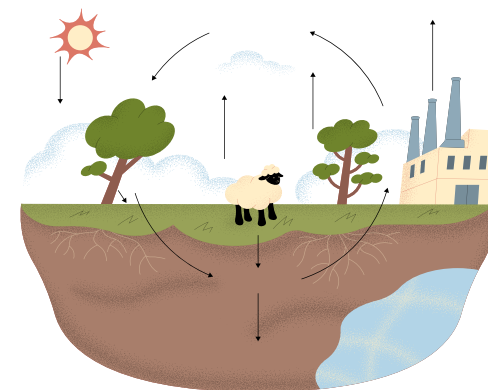
Resources:

- Water Cycle Lesson
- Bill Nye Video Worksheet – The Water Cycle
- Crash Course Video Worksheet - The Hydrologic and Carbon Cycles
- Water Cycle Diagram Activity
- The Water Cycle Word Search and Scramble Activities
- The Water Cycle Reading

MS-ESS3-1. Construct a scientific explanation based on evidence for how the uneven distributions of Earth's mineral, energy, and groundwater resources are the result of past and current geoscience processes. [Clarification Statement: Emphasis is on how these resources are limited and typically non-renewable, and how their distributions are significantly changing as a result of removal by humans. Examples of uneven distributions of resources as a result of past processes include but are not limited to petroleum (locations of the burial of organic marine sediments and subsequent geologic traps), metal ores (locations of past volcanic and hydrothermal activity associated with subduction zones), and soil (locations of active weathering and/or deposition of rock).]

Resources:

- Biomass and Fossil Fuels Lesson
- Biomass and Fossil Fuels Digital INB Pages
- Crash Course Worksheet - Can We Make Electricity without Fossil Fuels
- Crash Course Worksheet - Can We Keep Warm and Stay Cool Without Fossil Fuels
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- Volcanoes Reading
- Earth's Natural Resources - Mineral, Energy, and Groundwater Lesson
- Crash Course Worksheet - Mineral Extraction
- Build Your Own Aquifer Project



Who is this Bundle for?

- Teachers who teach middle school science in **New York State** and use the **NYSSLS** NGSS
- Teachers who want multiple resources at their fingertips including lessons and a variety of activities, in order to meet the standard
- Teachers who don't have time to develop their own resources or organize what to teach and when

