SCIENCE POSTE

Volume | 72 BUNDLE

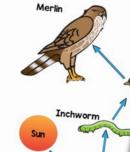
+ 7 Scientific Method Charts



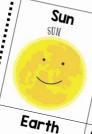
INCLUDES DIGITAL

Food Webs

Food webs are a connecte shows the transfer of energy f within a specific ecosyster transfer of



impact on the rest o



Moon

The Earth, Sun & Moon

The Earth, Sun, and Moon are all very important to sustaining life on Earth. While they share some similarities, they all have their own unique characteristics and

Characteristics of the Earth

- It is the center of our solar system • The gravitational pull from the sun keeps all the planets in place • It provides energy and light to all

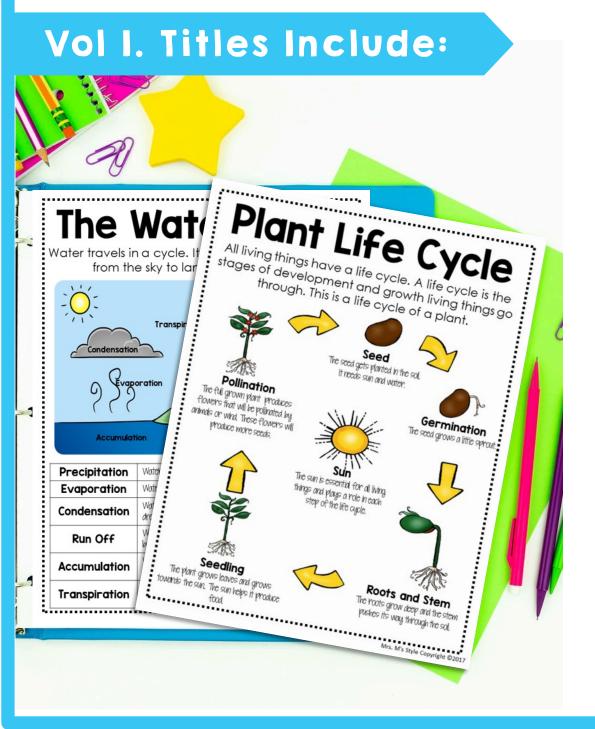
Characteristics of the Moon • It is a planet

- It revolves around the Sun
- It has an atmosphere
- It orbits the sun every 365 days • It has water

• It is the only planet with life

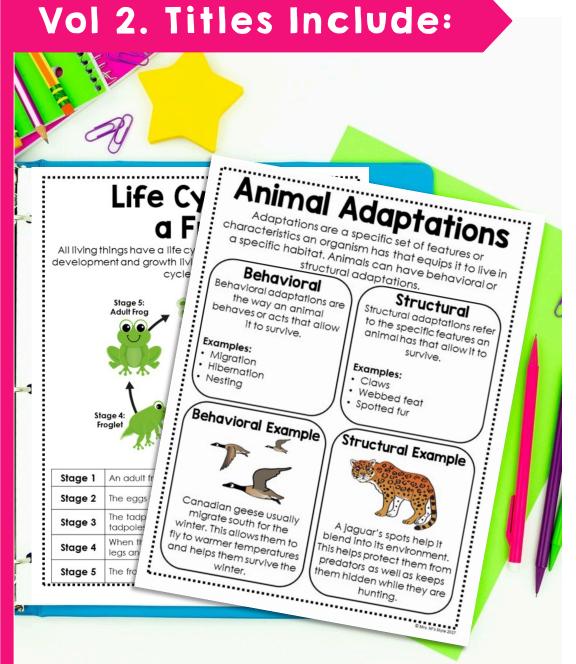
- Characteristics of the Moon
- It revolves around the Earth • It has no atmosphere
- · It orbits the Forth

INCLUDES 15 SCIENCE POSTERS



- Scientific Method
- States of Matter
- Mixtures and Solutions
- Types of Energy
- Natural Resources
- Electrical Resources
- Electrical Circuits
- Plant Life Cycle
- The Water Cycle
- Moon Phases
- Force and Motion
- Insulators and Conductors
- The Rock Cycle
- The Solar System
- Rotations vs. Revolution
- Light Transmission

INCLUDES 15 SCIENCE POSTERS



- · Life Cycle of a Butterfly
- Life Cycle of a Frog
- Producers, Consumers & Decomposers
- Plant Adaptations
- Animal Adaptations
- Food Webs
- Ecosystems
- Animal Traits
- Metamorphosis of Insects
- Changes to the Earth's Surface
- Landforms
- Weather Vs. Climate
- Weather Maps
- The Earth, Moon, Sun
- · Layers of Soil

7 SCIENTIFIC METHOD POSTERS



- The Scientific Method
- Ask a Question
- Gather Information
- Make a Hypothesis
- Conduct Experiment
- Collect and Analyze Data
- Make a Conclusion

TEACHERS LOVE THIS BUNDLE!

Check out what teachers have to say about this bundle.



My students loved how simplified these anchor charts were used to address each of the expected science standards. It was also a good guide for me to use as I taught the lessons. - Tiffany W.



These were very helpful to have displayed on the board throughout the unit. I even printed them to put in the students' notebook as a reference throughout the lesson. –Xatavius H.

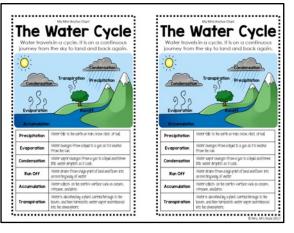


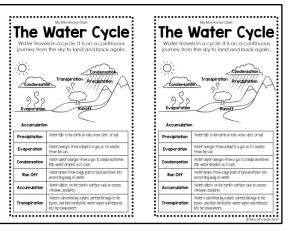
This was a great resource for my the students in my special education resource room. I used them as a resource for students who were struggling on a topic and needed review or extra practice. – Haley S.

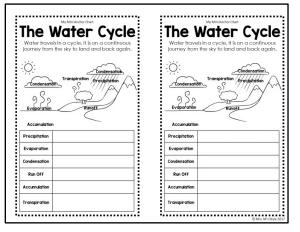


INCLUDES PRINTING OPTIONS!

Each poster includes different printing options. (Example shown is from vol. 1)



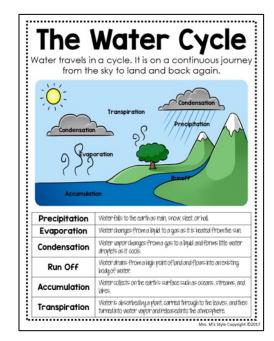




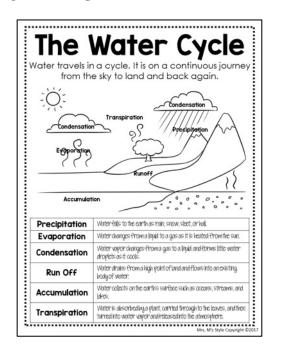
Mini Color

Mini Black & White

Mini Fill-In







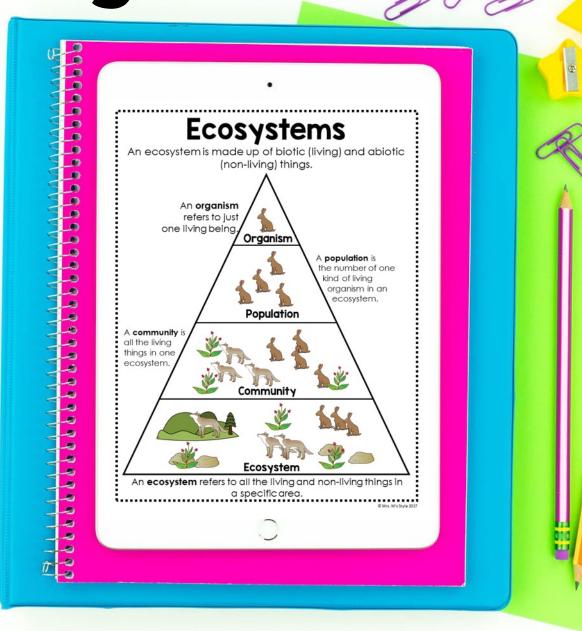
Full Page Black & White



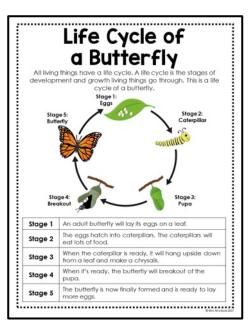
Includes a Digital Version

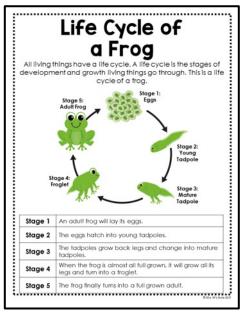
This resource is also available in a digital version that is compatible with Google Slides.

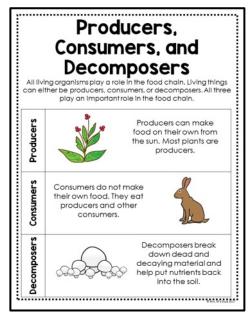
You can get the full color anchor charts as well as the fill—in templates in digital format.

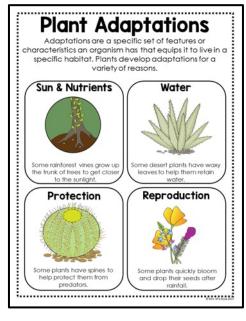














Adaptations are a specific set of features or characteristics an organism has that equips it to live in a specific habitat. Animals can have behavioral or structural adaptations.

Behavioral

Behavioral adaptations are the way an animal behaves or acts that allow it to survive

Examples:

- Migration

Hibernation

Nestina

Behavioral Example



Canadian geese usually migrate south for the winter This allows them to fly to warmer temperatures and helps them survive the

Structural

Structural adaptations refer to the specific features an animal has that allow it to survive

Examples

- Webbed feat Spotted fur

Structural Example



A jaquar's spots help it blend into its environment. This helps protect them from predators as well as keeps them hidden while they are hunting.

And the second

Over time, the shape of the land and water on Earth has changed. These changes have resulted in the formation

of different landforms.	
Mountains	River
A mountain is an abrupt and drastic change in elevation.	A naturally flowing body of water. It has a source and a mouth.
Peninsula A peninsula is a piece of land that juts out into a body of water.	A body of water that is almost completely surrounded by land.
A valley's the low lying land in between two mountains.	Canal A manmade waterway to connect two bodies of water.
Island	Delta

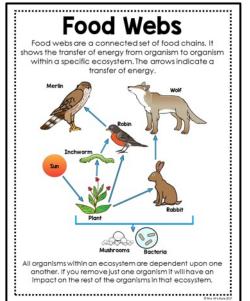
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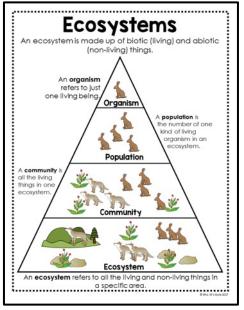
Land near the source of a river

that is formed by river sediment

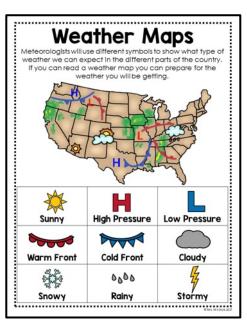
An island is a piece of land

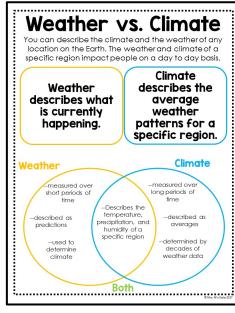
surrounded by water.



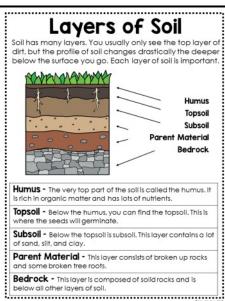


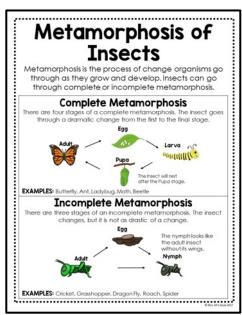














Mixtures & **Solutions**

A mixture is two or more substances mixed together.

- The substances can be easily separated.
- Each substance keeps its original shape.
- You can separate the substances based on their original physical properties



Examples: Sand and wate

- Oll and water

Spaghetti and Meatballs

- Examples: Sugar and water Lemonade
- · Salt and Water

· A solution is two or more

The substances cannot

be easily separated and

the combination creates

One substance dissolves

substances mixed

a new substance

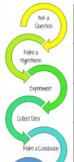
into another

together.

Hot Chocolate

Scientific Method

scientists make observations and test out their theories so they can better understand the world.



Questions

Ask a Question: Start off by thinking about what you want to know. What are you curious about?

Make a Hypothesis: Make a prediction based on the information you already know. A hypothesis is an educated guess.

Experiment: Design an experiment to test your guess. You will need materials and a set procedure.

Collect Data: Make observations and record what you see happening in a chart, table, or

Make a Conclusion: A conclusion is a generalization you can make based off of the data you collected during the experiment.

Types of Energy

many different forms.

M	Mechanical energy is movement. It is created by a machine or moving part.
Mechanical	EXAMPLES: bicycle, gears, scissors, wind- up toy, fan
E	Electrical energy, is caused by the flow of electrons. It travels in circuits.
Electrical	EXAMPLES: computer, TV, iPhone, lamps
L	Light energy travels in waves through space. You can see light energy
Light	EXAMPLES: Sunlight, fire, flashlights, lights stars
T	Thermal Energy is heat. It is created by molecules moving quickly,

EXAMPLES: oven, heater, stove,

Sound Energy, is heard, It is made by vibrating, objects.

EXAMPLES: talking, singing, music, bells,

microwave

chimes, sonar

Thermal

Sound

"If its open it's broken" **Series Circuit**



Electrical Circuits

Electrical energy is from the flow of moving electrons. Electrons move through a path called a circuit. Electrical energy can produce other forms of energy such as thermal, sound, and light.



Electronic flow in one wath Aldreak in the circuit will shut down the current.



Closed Circuit A complete path of electricity



"If its closed it flows"

Parallel Circuit Electrons can flow through wrone than one path. A break in the circuit might only shut down part of it.



Plant Life Cycle All living things have a life cycle. A life cycle is the

stages of development and growth living things go through. This is a life cycle of a plant.



The full arrown plant paraduces flowers that will be valinated but animals or wind. These flowers will



Seedling The plant arrows leaves and arrows towards the sun. The sun helps it produce



Roots and Stem The troots grow deep and the stew

The Water Cycle Water travels in a cycle. It is on a continuous journey from the sky to land and back again. Precipitation Water falls to the earth as rain, snow, sleet, or hall, Evaporation Water changes from a liquid to a gas as it is heated from the sun. Water vapor changes from a gas to a liquid and forms little water Condensation drowlets as it cools Water dening Proving Islah volint of land and flows into an existing. Run Off looks of water. Water collects on the earth's surface such as oceans, streams, and Accumulation Water is absorbed by a plant, carried through to the leaves, and then Transpiration turned into water vagor and released into the atmosphere.

.....

The moon travels ground the earth. As the moon travels it goes through different phases. There are 8 different moon phases that reflect the amount of sunlight reflecting off the moon. It takes one month for the moon to go through all of its phases. The moon is appearing to get larger Waxing The moon is appearing to get smaller. Waning More shadow is showing than the moon. Crescent More moon is showing than shadow. Gibbous

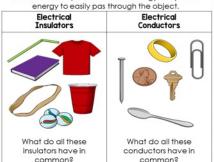
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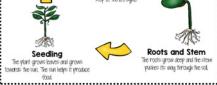
Insulators & Conductors

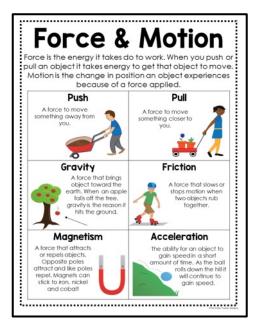
Insulators and Conductors help with the flow of electrical

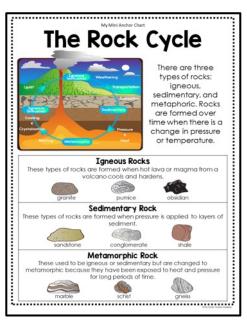
Insulators stop the transfer of energy. They slow down the energy and make it difficult for it to pass through the object.

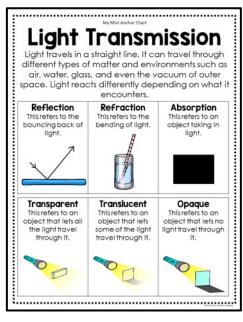
Conductors help the transfer of energy. They allow

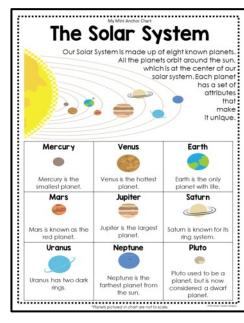


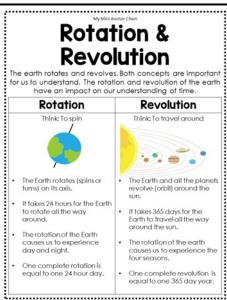


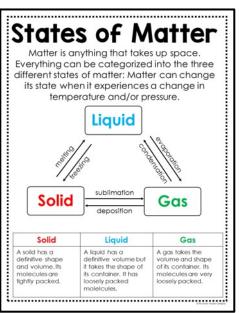








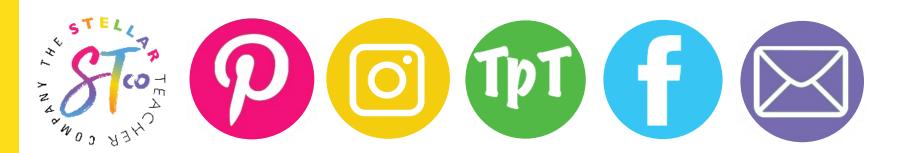






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