Close Reading

Plus Writing Activities

Caves and Caverns By Gail Gibbons



Teaching Environmental Science through

Reading, Comprehension, Vocabulary, Posters, and Reflection

Getting Started: Cave Close Reading

1. It is suggested to get the following items ready.

Items needed	Teacher	Student
The Book <u>Caves and Caverns</u> by Gail Gibbons	V	
Lesson Plan	V	
Vocab Poster	V * Teacher can blow the	
	original black and white sample into a poster.	
Info Organizer	V	V
Drawing Base Sheet for Drawing on Day 1	V	V
2 Reading Passages	V	V
2 Text Dependent Questions Sets	V	V
Vocabulary	V	V
1 Cave Black Line Drawing Set	٧	
1 Cave Color Drawing Set	* Teacher can blow the original black and white sample into a poster and color it.	* Students may create the poster in groups by using teacher's sample. It makes a great open house project.
Teacher Finished Sample Package: 1 Cave Color Drawing with labels 1 Vocab Poster with Post-it notes 1 Info Organizer completed 2 Reading Passages with marks 2 Text Dependent Questions Sets with answers 1 Vocab Sheet with answers 1 Set of Info Poster	* I tried to type as much as possible for you to read easily. In real time, you are going to hand write to model for your students.	
Sharpie	V	V
Crayon/Markers	٧	V
Post-It	*	

V: must, *: optional

- 2. Read the lesson plan.
- 3. Look at the finished sample works included.
- 4. Photocopy 7 page package (1 Drawing Base Sheet, 1 Info Organizer, 2 Reading Passages, 2 Text Dependent Questions Sets, and 1 Vocab Sheet) for students. Make an extra set for the teacher to use.
- 5. The lesson is designed as cross curriculum among ELA, Science/Environment/Cave, and Fine Arts using close reading and GLAD strategies.



Title:	ves
Colors to mark the passage: Highlight the title in ye Underline topic sente Crice the important Re reading yrd Re symbols Cricek Mark(V) — und Retting Retti	olors to mark Highlight th Underline 1 Circle the ir
The main idea of these passages is to	CLOSE reading Check Marl Star (*) – sc Exclamation Question m
What have you learned about caves?	The main idea different type zonings of cav

Caves and Caverns by Gail Gibbons	Close	00	

	ves a erns
	Things to remember
olo	rs to mark the passage:
•	Highlight the title in yellow.
•	Underline topic sentence in green.
•	Circle the important words about caves in red.
•	Use close reading symbols throughout text.
0	SE reading symbols:
•	Check Mark(V) - understands story
•	Star (*) - something is important
•	Exclamation mark (!) - something new, something that is surprising
	Question mark (?) - unsure, don't understand it

of these passages is to explain the formation es of caves and the characteristic of differe

ged and create

Caves and Caverns (1)

Deep down in the earth, people have found dark hollow called caves. Caves appear in the sides of hills or mountains. begin from the surface of the land and extend caverns exist in ma

ocks, and bou

vn the sides of vo

There are ice caves, too. They are formed by streams that e under mountain glaciers. The water in these streams comes from n the surface that seeps through cracks. Some ice caves begin as ro

A limestone cave, also called a solution cave, is the most com cave. Limestone caves begin to form when rain falls to the earl carbon dioxide from the air. As rainwater trickles through the soi more carbon dioxide. The water and the carbon dioxide mix together an acid solution called carbonic acid. As this solution seeps limestone, it eats away at the soft stone, making small holes. Many

a. Some caves are small, Some are huge! Thousands and thousands of caves and rts of the world. Caves and caverns can be millions of onstantly being changed and created.

the seashore cliffs, grinding away at them year after year with sand pebbles

hardens on the surface. Hot lava still flows underneath. When this hotter lava

There are the caves too. They are formed by streams that erode tunnels the surface that seeps through cracks. Some ice caves begin as rock caves an then are coated with ice



De	-4	ns (
How ar		
e?		
How are lava		
caves made?		
How are ice		
caves made?		
	_	
How are		
aves made?		

Text Dependent Questions (1)

How are sea caves made?	Sea caves are made by the pounding of ocean waves.
How are lava caves made?	Lava caves ade when
v ce res e?	caves are made by under mountain glaciers.
How are limestone caves made?	Limestone caves are made by the limestone holes seeped and eaten by the solution could ling rain and with the room dioxide he

xperts who know a lot about diff

When cavers first enter a cave, they go into what is cal This area extends from the mouth of the cave to as far as day the twilight zone, it's always a bit cooler than the outside summer and milder than the outside temperature in the wi such as birds, snakes, skunks, or mice live in the mouth ar Some green plants grow there, too.

ellers also live here. T cause it is too dark where don't need protection from su ly on touch, sound, and taste to find their fc

Near cave openings, cavers have found bits of char fires, stone knives, broken pieces of pottery, and animal bon of years ago, people lived near the entrances of these caves dwellers live there for protection from weather and dangerou

Cavers have also found ancient paintings and drawin, darkest parts of caves, where people believed that the g worshiped lived. Cave dwellers made their drawings and pair

th here as it does in the twilight zon row here t is dark! In some caves, ba hang from the ceiling and sleep during the day. At night they fly out of the mouth of the cave to hunt insects. Crickets and salamanders can live inside, too. Green nnot live there because they need light to grow.

colorless, too. Their bodies don't need protection from sunligion't any. They rely on touch, sound, and taste to find their food.



wilight zone.	Describe some facts about the twilight	In the twilight • Daylight a
	zone.	It is a bit c a le i summer and w sna. mals such a sna.
Describe s		e live.
about t	Describe som	mpera ne.
temper	the var	and the same
Describe some about the constant	ture.	The temperature doesn't change as much here as in the twilight zone. Mushrooms, molds, and other fungi grow. Bats, crickets, and salamanders live.
temperature zone.	Describe some facts	No green plants can live. In the constant temperature zone,
	about the constant	It is pitch-black.
	temperature zone.	Air and water ter trature your still a server is still a server is meaning to the server is th
What are the		a ac Ids
evidences of people		ant mals
living in caves?		The got gind
	nce.	bits a pal fr ead floor, stor

	_ave		
١	cavern	cave/cavern	Hollow place deep down in the earth.
	constan		
	speleol	constant	Continuous, round-th
		nogist	An expert who knows lifferent caves.
	elunk	S _I	A person who explores caves.
	v ble	ariae	Changing, unstable, varying.
	dweller	dweller	Person/animal who

tone Caves

es of Zones:

Constant temperature Zone Moist e Zone light Zone oler in the summer, milder Birds, snakes, skunks, mice

· Some green plants

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Credits

I draw all the clipart myself for all the products in my store.

Thank you so much and I hope you enjoy this lesson.

