Name	Dat	te (Class	

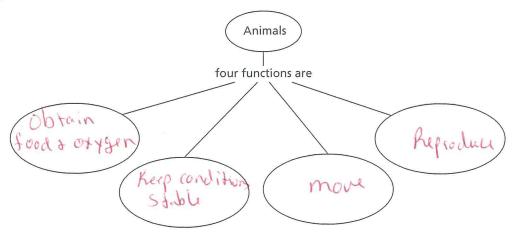
Sponges, Cnidarians, and Worms • Review and Reinforce

What Is an Animal?

Understanding Main Ideas

Fill in the blank ovals to complete this concept map.

1-4.



Building Vocabulary

From the list below, choose the term that best completes each sentence.

cells

vertebrates

adaptations

asexual reproduction

phyla

fertilization

organ

invertebrate

- 22. A group of several different tissues is called a(n)
- 23. Biologists classify animals into major groups called
- 24. fertilization

is the joining of an egg cell and a sperm cell.

25. Vertebrates

are animals that have a backbone.

26. Cells

are the basic units of structure and function in living things.

- 27. Structures or behaviors that allow animals to perform the basic functions in their environments are called
- 28. An animal without a backbone is called a(n)

29. aserval reproduction

is the process by which a single organism produces a new organism identical to itself.

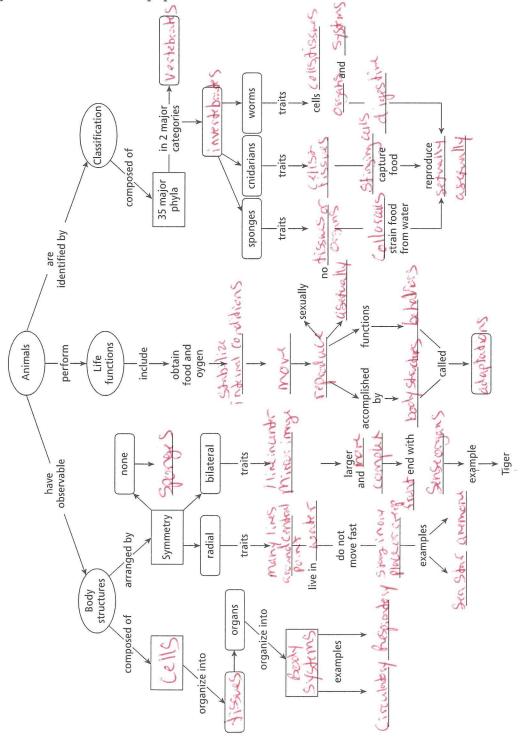
Name	Date	Class	
Sponges, Cnidarians, an	d Worms • Review and I	Reinforce	
Sponges and	Cnidarians		
Understanding Main <i>Answer the following quest</i>	ldeas ions on a separate sheet of pape	ver.	
3. Describe two methods (Setwork - back 4. In the diagram, identi	ater perform for sponges? efend itself? of sponge reproduction. fy the two different body planeach? Which animal proba	al -5 perm 1 egg lans of chidarians.	
A.	B.		
Body Plan:	medusa Boo	ody Plan: POlyp	
6. Describe how a coral of a cosal polypathales Building Vocabulary	to a hard surface, proc	dues hard exoskeletenidies & r	mea
7. Explain what cnidaria of environments they	ns are by describing how th live in. Give three examples sea anemone	ney feed and what kind s.	
8. What is a larva? Immeture for	orm of an anim	hal that looks very	

Name	Date	Class

Sponges, Cnidarians, and Worms • Connecting Concepts

Connecting Concepts

Develop a concept map that uses the Key Concepts and Key Terms from this chapter. Keep in mind the big idea of this chapter. The concept map shown is one way to organize how the information in this chapter is related. You may use an extra sheet of paper.



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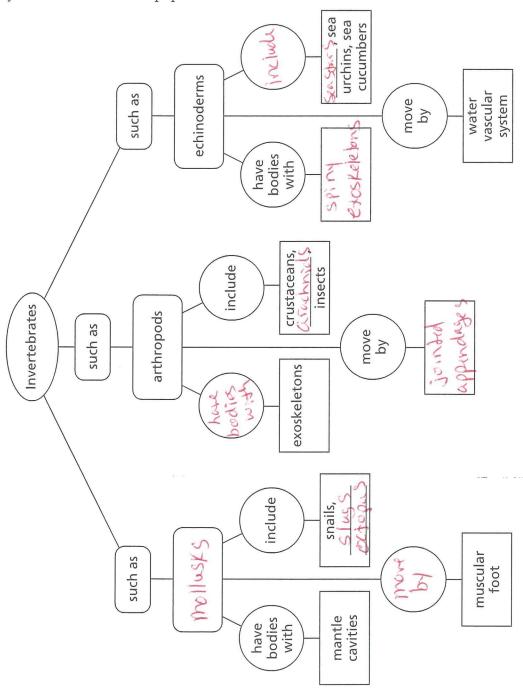
Name	Date	Class
Mollusks, Arthropo	ods, and Echinoderms • Revie	ew and Reinforce
Arthropods		
Understanding I Read each description your answers on a se	ı. Decide which animal group best f	ïts each question. Write
appendages. Th	brates with an exoskeleton, segmey have an open circulatory systemes from the Greek for "jo	em and reproduce
segment. They a	y segmented bodies with one pair re predators with venom. Some That are they? Centipedis	of them have more than
3. They all have tw predators with f	ro body sections and eight legs. Sangs or a stinger; others are parasare they?	Some of them are
4. They have segm Most eat decaying	ented bodies with two pairs of length leaves. They curl up into a baseling that are they?	ll when something
Building Vocabu From the list below, conly once.	lary hoose the term that best completes ea	ch sentence. Use each term
abdomen	exoskeleton	molting
antennae	metamorphosis	
5. An arthropod's drying out.	exoskeleton prote	ects it and keeps it from

- 6. The heads of some arthropods have antennal, which contain sense organs.
- form as they develop.
- 8. The hind body section of an arachnid is called its abdomin
- 9. The process of shedding an outgrown exoskeleton is called

Name		Date	Class
	, Arthropods, and Echinoc		
	noderms		ion and monnered
	canding Main Ideas letter of the correct answer or	n the line at the l	eft.
<u> </u>	Which of the following is a. 5-part radial symmetr b. endoskeleton c. live in freshwater d. water vascular system	СУ	ristic of echinoderms?
<u>A</u> 2.	Which of the following isa. fiddler crabb. brittle starc. sea urchind. sea cucumber	s <i>not</i> an echinod	derm?
<u>A</u> 3.	Which of the following is a. move along ocean floob. catch food c. grip surfaces d. digest food		of tube feet?
<u></u>	The life cycle of an echinoa. eggsb. metamorphosisc. asexual reproductiond. fertilization	oderm includes	all of the following except
Answer th	e following.		
5. Descril	be how a sea star captures	A second second	are a hold prey
	Vocabulary blank to complete each staten	nent	
6. The <u>w</u>	Her-Vascular syste		-filled tubes within
the ech	ninoderm's body. ninoderm has a(n) <u>erd</u> (
its bod			
	etrical invertebrates that liver		

Connecting Concepts

Develop a concept map that uses the Key Concepts and Key Terms from this chapter. Keep in mind the big idea of this chapter. The concept map shown is one way to organize how the information in this chapter is related. You may use an extra sheet of paper.



	Fish
and	les, /
Rept	
iles	hibia
	ins,

Name		Date	Class
Fishes, Amphibians, and Rep	otile	es Review and Reinforce	
Fishes			
Understanding Main Idea Answer the following questions	011 i		No and o
 How is the skeleton of a s What are the major group What kind of fertilization What is the function of a s Afficient dipth S Determine whether each statement 	har s or do swir	fishes? jawks, cartilegine	ess fish? both made of Contiloge bilize their body at
cartilaginous ectotherms			
True		Most species of fishes belong to fishes group.	the <u>bony</u>

Building Vocabulary

Fill in the blank to complete each statement.

- 9. The skeleton of a jawless fish is made of ________, a tissue that is more flexible than bone.
- 10. Most bony fishes have a gas-filled organ called a(n)

 Swym bladder, which helps stabilize the fish at different depths in the water.

Vame	Date	_ Class
Fishes, Amphibians, and Reptiles		
Reptiles		
Understanding Main Ideas Write the letter of the word or phrase tha	t completes each statement.	
2. Snakes have specialized enable them to eat large prey. 3. All reptiles breathe with Snakes look a lot like lizards, but see	s that	A. lungsB. eyelidsC. eggs with shellsD. jawsE. kidneysF. thick skin
Building Vocabulary Write a definition for each of the followir	ıg terms.	
5. Reptile - Ectothermic Ver	tebrate with th	ick skin.
- breathe w/lungs		
- lay thick-Shelled.	eggs	
An egg with a Sh	ell and internal	mimbranes

Name	Date	Class

Fishes, Amphibians, and Reptiles • Key Terms

A vertebrate that lives in water and has fins

Key Terms

Use the clues to identify the words for the puzzle. Write the words on the lines. Then find the words hidden in the puzzle and circle them. Words are across or up-and-down.

Clues	Key Terms
An animal whose body controls its own temperature	endotterm
The hardened remains of a living thing that existed long ago	fossil
An animal that has a notochord, nerve cord, and slits in the throat area	Chordate
A flexible rod that supports an animal's back	notochord
The specific environment in which an animal lives	habitat
A bone found in the backbone	Vertebra

g	i	d	V	е	r	t	е	b	r	a	n	k	r
e	f	g	W	r	i	S	u	a	h	m	o	f	Ć
V	0	t	h	a	b	i	t	a	t	У	t	r	h
h	s	V	r	b	h	a	u	e	1	W	0	S	0
1	s	р	f	d	a	t	r	i	u	m	С	у	r
n	i	С	i	f	е	S	a	j	1	i	h	С	d
a	1	i	S	у	u	r	i	n	е	d	0	j	a
q	u	r	h	m	р	k	g	W	S	r	r	b	t
e	n	d	0	t	h	е	r	m	W	0	d	a	e

Na	ame	Date	CI	lass		
Bi	irds and Mammals • Revie	w and Reinforce				
B	Birds					
	nderstanding Main Ideas nswer the following questions.					
1.	What are four characteristics that all birds share? Endo thermic, feathers, 4chambered heart, lay eggs					
2.	What are three adaptations that enable birds to fly? Wings, deathers, hollow bores, air sacs, Strong chest muscles					
3.	What are two functions of fe	eathers?	Le			
4.	Briefly describe a bird's heart and circulatory system. 4-Chambers - 2 adeis & 2 Ventricles					
	2100ps - one for					
5.	Give two examples that show					
diverse environments. Woodpecker's bill - Insects - long + Skinny Spoonbill - Small animals in water - Scoop + 81						
	Spoonbill-Smal	1 animals in	water -	Scoop & Shot		
Βι	uilding Vocabulary					
Fro	om the list below, choose the tern	n that best completes ea	ch sentence.			
CO1	ntour feather cr	rop	down fea	ther		
bir	:d gi	zzard				
6.	A bird's food is stored in its digested.	crop	before it i	S		
7.	Adown traster	_ is soft and used for	insulation.			
8.						
Ω	and has feathers and a four-		-1111	C		
),	bird's stomach where partial	is a muscular, this lly digested food is gr		га		
10.	. A Contour feather	_ gives shape to a bir	d's body and he	lps a		
	bird balance and steer during flight					

Name		Pate	Class				
Bi	Birds and Mammals • Review and R	einforce					
N	Mammals						
	Understanding Main Ideas Answer the following questions.						
1.	What are four characteristics shared by all mammals? Endottermic, hair, four chambered heart, mammary Glands						
2.	. What information can you infer from the size and shape of a mammal's teeth? What id tads						
3.	Briefly describe a mammal's heart and circulatory system.						
4.	Where in a mammal's body does oxygen enter the bloodstream?						
5.	If a mammal has a dense coat of fur, what might you infer about the climate where that mammal lives?						
	uilding Vocabulary rom the list below, choose the term that bes	t completes each sentence.					
	onotremes diaphragn acenta mammal	n marsu	ıpial				
	are mammals whose young are born at a very early stage of development—they usually continue to develop in a pouch on their mother's body.						
	A Dalla de is an organ that passes materials such as food and oxygen from the mother to the developing embryo, and carries the embryo's wastes away.						
8.	There are just three species of Mono the mes.						
	A large muscle called the diaphraym helps mammals breathe.						
10.	b. Every <u>Thamma</u> ha very much.	s hair or fur, but sometime	es not				

Birds and Mammals • Connecting Concepts

Connecting Concepts

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