

Name \_\_\_\_\_ period \_\_\_\_\_

# 7<sup>th</sup> Grade DO NOW

**SCI.7.10B** Describe how biodiversity contributes to the sustainability of an ecosystem.

Date \_\_\_\_\_

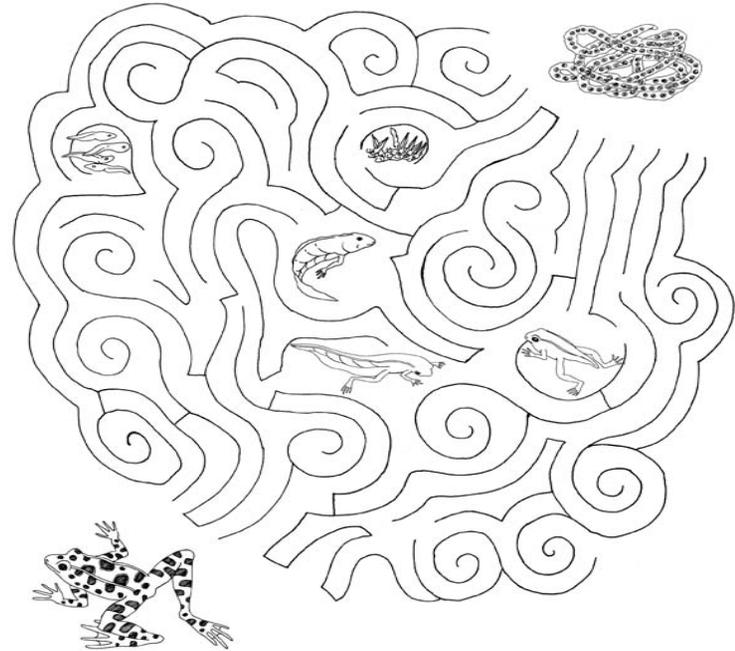
Match the vocabulary word with its meaning.

- |                             |  |
|-----------------------------|--|
| _____ 1. Biodiversity       | A. The ability of an ecosystem to maintain itself in the face of external stress |
| _____ 2. Sustainability     | B. An area of similar rainfall, temperatures and elevations                      |
| _____ 3. Ecoregion          | C. A calculation scientists use to determine how healthy and stable a habitat is |
| _____ 4. Extinction         | D. Variety of organisms in a place   |
| _____ 5. Biodiversity Index | E. The disappearance of an entire type of organism                               |

Date \_\_\_\_\_

Word	Example
Biodiversity	
Sustainability	
Ecoregion	
Extinction	
Biodiversity Index	

**Metamorphosis Maze**  
Find the way through the maze by passing each stage of the frog's development in the correct order.



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Date \_\_\_\_\_

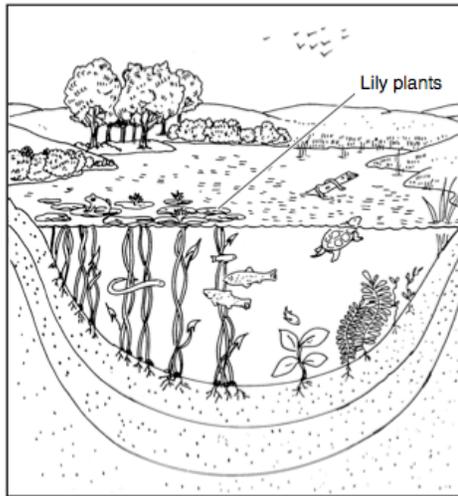
Word	NON-Example
Biodiversity	
Sustainability	
Ecoregion	
Extinction	
Biodiversity Index	

Date \_\_\_\_\_

A biological diverse ecosystem has many different types of plant and animals living in it. How does this contribute to the health of the ecosystem?

- A. It allows animals to eat many different kinds of plants and stay healthy.
- B. It allows the plants to get more sunlight and grow larger.
- C. It allows the ecosystem to survive even if some plants get sick and die.
- D. It allows the animals to have many different kinds of places to live.

Date \_\_\_\_\_



The picture shows a pond ecosystem. What effect would there be if all the lily plants were removed from this community?

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Z	P	T	N	A	B	R	Y	V	A	R	D	N	U	T	M	L	T
R	R	I	G	E	T	J	P	O	U	Q	W	R	N	E	O	E	R
O	J	I	X	F	Q	A	L	P	I	N	E	Z	R	M	M	O	A
G	A	H	T	C	E	G	F	I	P	M	L	T	U	P	I	K	I
T	D	A	Q	O	B	Y	R	K	L	B	R	Y	E	E	U	F	N
M	I	P	F	R	E	S	H	W	A	T	E	R	O	R	M	H	F
A	S	D	F	A	G	H	J	K	L	Q	A	E	R	A	T	Y	O
Z	X	C	V	L	B	N	M	Q	E	T	R	T	Y	T	I	U	R
F	D	S	A	R	A	L	K	J	E	H	G	Z	X	E	B	V	E
N	F	R	U	E	T	R	G	G	H	O	M	N	D	F	B	N	S
S	D	E	Z	E	R	Q	R	Y	J	I	E	E	T	O	T	F	T
L	S	E	L	F	E	A	N	A	E	S	T	U	A	R	Y	R	S
M	R	N	J	S	S	E	E	C	P	N	M	E	R	E	Y	K	A
B	B	I	K	S	E	I	L	G	K	A	Y	L	H	S	E	D	V
R	E	R	L	E	D	O	H	L	O	S	H	G	D	T	T	T	A
S	R	A	Q	H	E	K	R	O	I	G	S	C	E	B	R	E	N
E	N	M	K	T	V	H	E	P	Y	R	D	I	U	G	N	L	N
D	N	A	L	T	E	W	R	E	T	A	W	H	S	E	R	F	A

- Freshwater
- Marine
- Coral reefs
- Estuary
- Freshwater wetland
- Tundra
- Rainforest
- Taiga
- Temperate forest
- Temperate grassland
- Alpine
- Chaparral
- Desert
- Savanna