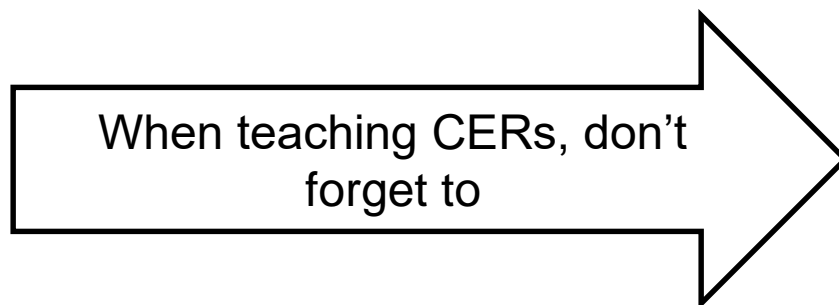


# Biology Unit 6 Organizers

## Teacher Copy

### Cue Do Review Quick Reference Guide



### Teacher Notes

Other Content Enhancement Routines that can be used during this Unit:

- Ecosystem Changes Frame
- Factors that affect aquatic ecosystems frames

#### Cue

1. Name the Routine
2. Explain how the routine will help students learn
3. Explain to students how they should participate

#### Do

4. Implement the linking steps
5. Ask students probing questions in order to co-construct the device
6. Provide positive and corrective feedback if necessary

#### Review

7. Ask questions about the critical content on device
8. Ask questions about the learning process and how the device works
9. Model how to use the device as a study tool, guide for doing other work

# The Unit Organizer

④ BIGGER PICTURE

NAME \_\_\_\_\_  
DATE \_\_\_\_\_

| ② LAST UNIT /Experience<br>Plants |  | ① CURRENT UNIT<br>Ecology   |  | ③ NEXT UNIT /Experience<br>Human Health |  |
|-----------------------------------|--|---|--|---|--|
| ⑧ UNIT SCHEDULE                   |  | ⑤ UNIT MAP  |  |   |  |
|                                   |  | <pre>graph TD; A([the relationship between living things and their physical surroundings]) --- seen in the  B([Cycling of Matter &amp; Energy]); A --- within  C([Populations]); A --- can experience  D([Ecosystem Changes]); A --- can be impacted by  E([Humans]);</pre>   |  |   |  |
| ⑦ UNIT SELF-TEST QUESTIONS        |  | 1. How do matter and energy move through an ecosystem?<br>2. How do organisms obtain energy if energy cannot be created or destroyed?<br>3. How do living and nonliving parts of the Earth interact and affect the survival of organisms?<br>4. How do biotic and abiotic limiting factors affect population size?<br>5. How can changes in ecosystems affect biodiversity?<br>6. How do human actions impact ecosystems and in what ways can humans make more sustainable life choices to lessen their ecological footprint? |  | ⑥ UNIT RELATIONSHIPS                    |  |
|                                   |  |   |  | cause/effect                            |  |
|                                   |  |   |  | analysis                                |  |
|                                   |  |   |  | Compare/contrast                        |  |
|                                   |  |   |  |   |  |

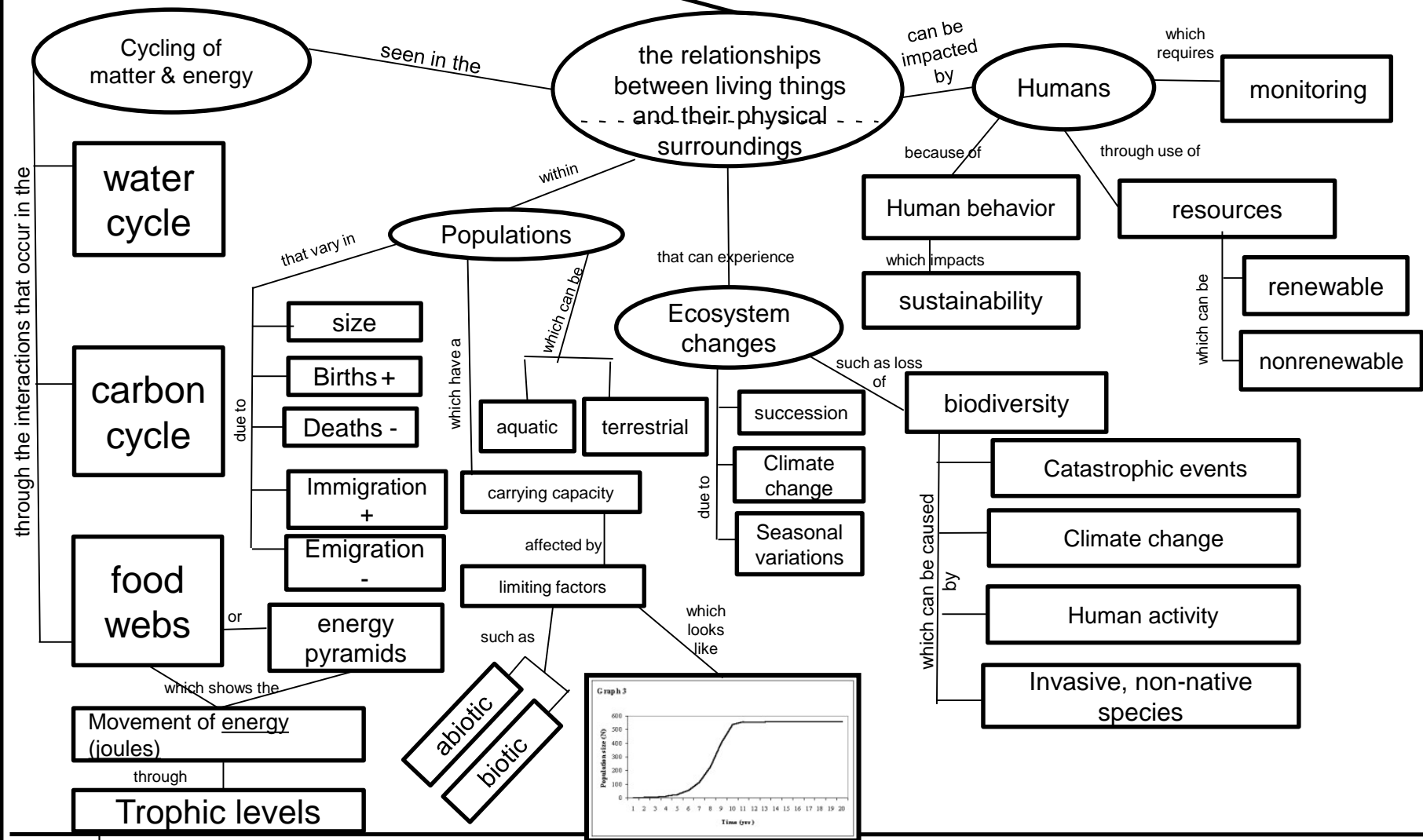
# The Unit Organizer

## Ecology

NAME \_\_\_\_\_

DATE \_\_\_\_\_

### 9 Expanded Unit Map



NEW  
UNIT  
SELF-TEST  
QUESTIONS

# Biology Unit 6 Organizers

## Student Copy

## The Unit Organizer

#### 4 BIGGER PICTURE

NAME \_\_\_\_\_

DATE \_\_\_\_\_

②

**LAST UNIT /Experience**

①

CURRENT UNIT  
Ecology

③

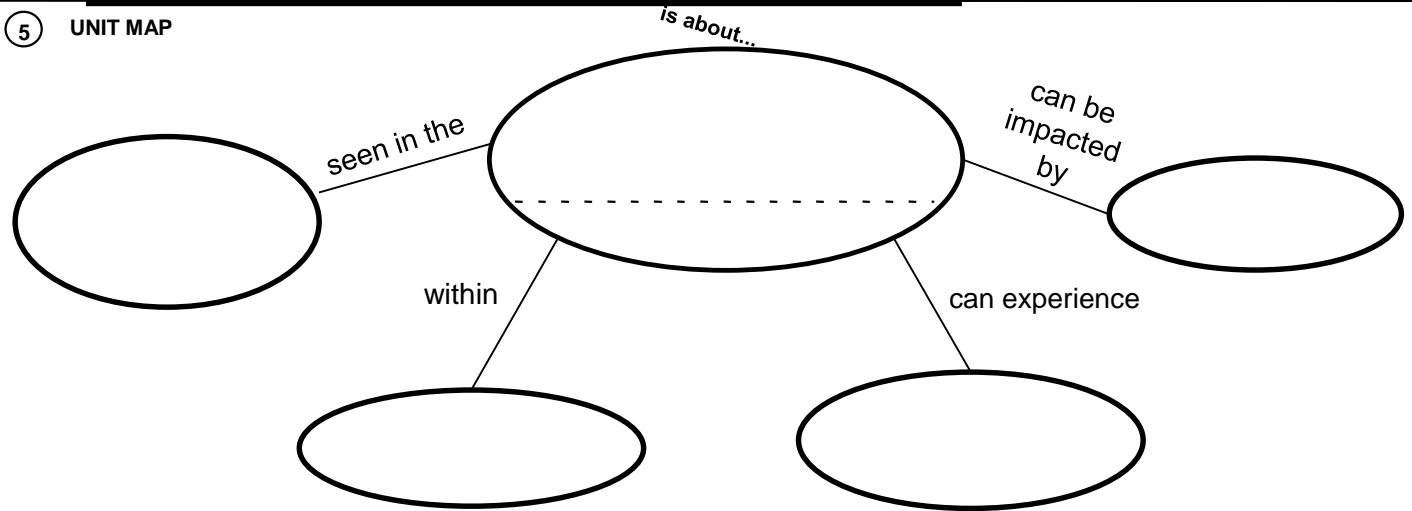
**NEXT UNIT** /Experience

8

## UNIT SCHEDULE

5

## UNIT MAP



## UNIT SELF-TEST QUESTIONS

1. How do matter and energy move through an ecosystem?
2. How do organisms obtain energy if energy cannot be created or destroyed?
3. How do living and nonliving parts of the Earth interact and affect the survival of organisms?
4. How do biotic and abiotic limiting factors affect population size?
5. How can changes in ecosystems affect biodiversity?
6. How do human actions impact ecosystems and in what ways can humans make more sustainable life choices to lessen their ecological footprint?

⑦

⑥

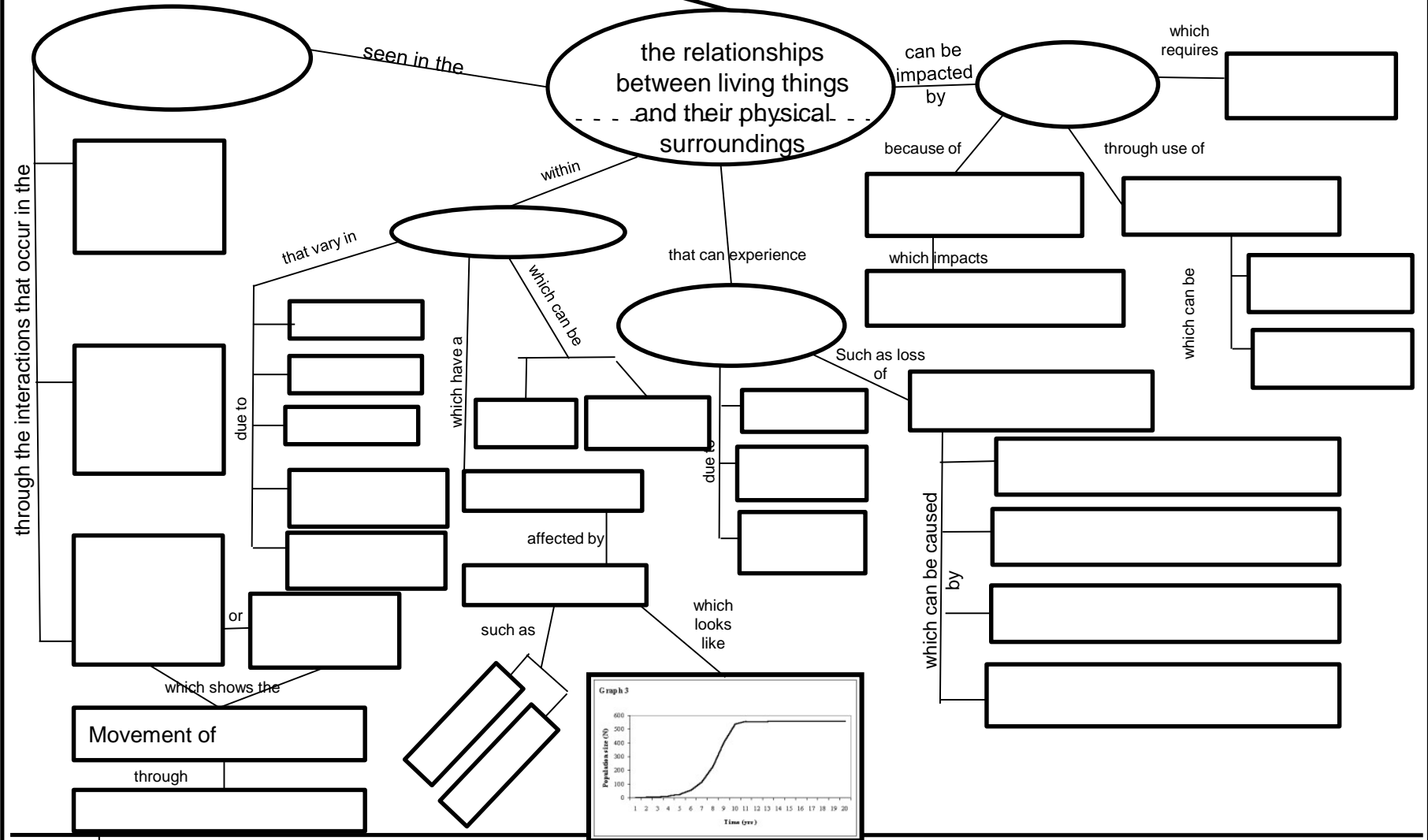
UNIT  
RELATIONSHIPS

# The Unit Organizer

## Ecology

NAME \_\_\_\_\_  
DATE \_\_\_\_\_

### 9 Expanded Unit Map



### 10 NEW UNIT SELF-TEST QUESTIONS