

Released Form

***NCEXTEND1***  
**Biology Assessment—**  
**Grade 10**



**Assessor Booklet**

Academic Services and Instructional Support  
Division of Accountability Services





## Item 1

Manipulatives: Provided by NCDPI

- Card A: lungs
- Card B: brain
- Card C: heart

\*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

### Trial 1

- SAY: **"Which organ allows you to think and feel?"**
- Present the response cards in the following order using the script below (*Card A, Card B, Card C*).
- SAY: (Card A) **"your lungs"** (Card B) **"your brain"** (Card C) **"your heart"**
- SAY: **"Which organ allows you to think and feel? Choose a card."**
- Record the student response below and follow the directions to continue with Trial 2 or the next item.

Fill in Trial 1 Student Response Here:

- |             |                       |   |                        |
|-------------|-----------------------|---|------------------------|
| Card A      | <input type="radio"/> | → | Remove Card A, Trial 2 |
| Card B      | <input type="radio"/> | → | Go to the next item.   |
| Card C      | <input type="radio"/> | → | Remove Card C, Trial 2 |
| No Response | <input type="radio"/> | → | Remove Card C, Trial 2 |



## Trial 2

- SAY: **"Which organ allows you to think and feel?"**
- Present the response cards using the following script.  
*If Card A was removed*
- SAY: (Card B) **"your brain"** (Card C) **"your heart"**  
*If Card C was removed*
- SAY: (Card A) **"your lungs"** (Card B) **"your brain"**
- SAY: **"Which organ allows you to think and feel? Choose a card."**
- Record the student response below and continue to the next item.

Fill in Trial 2 Student Response Here:

Card A  → Go to the next item.

Card B  → Go to the next item.

Card C  → Go to the next item.

No Response  → Go to the next item.

RELEASED



## Item 2

Manipulatives: Provided by NCDPI

- Stimulus: food chain: plant → insect → bat → owl
- Card A: plant
- Card B: insect
- Card C: bat

\*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

### Trial 1

- Present the stimulus card using the following script.
- SAY: **"This card shows a simple food chain. What does the owl eat to get energy?"**
- Present the response cards in the following order (*Card A, Card B, Card C*).
- SAY: (Card A) **"a plant"** (Card B) **"an insect"** (Card C) **"a bat"**
- SAY: **"What does the owl eat to get energy? Choose a card."**
- Record the student response below and follow the directions to continue with Trial 2 or the next item.

Fill in Trial 1 Student Response Here:

- |             |                       |   |                        |
|-------------|-----------------------|---|------------------------|
| Card A      | <input type="radio"/> | → | Remove Card A, Trial 2 |
| Card B      | <input type="radio"/> | → | Remove Card B, Trial 2 |
| Card C      | <input type="radio"/> | → | Go to the next item.   |
| No Response | <input type="radio"/> | → | Remove Card A, Trial 2 |



## Trial 2

- Present the stimulus card using the following script.
- SAY: **"This card shows a simple food chain. What does the owl eat to get energy?"**
- Present the response cards using the following script.  
*If Card A was removed*
- SAY: (Card B) **"an insect"** (Card C) **"a bat"**  
*If Card B was removed*
- SAY: (Card A) **"a plant"** (Card C) **"a bat"**
- SAY: **"What does the owl eat to get energy? Choose a card."**
- Record the student response below and continue to the next item.

Fill in Trial 2 Student Response Here:

Card A  → Go to the next item.

Card B  → Go to the next item.

Card C  → Go to the next item.

No Response  → Go to the next item.



## Item 3

Manipulatives: Provided by NCDPI

- Card A: a littered pond
- Card B: a river
- Card C: an ocean

\*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

### Trial 1

- SAY: **"Which card shows a body of water that has been polluted?"**
- Present the response cards in the following order (*Card A, Card B, Card C*).
- SAY: **"Which card shows a body of water that has been polluted? Choose a card."**
- Record the student response below and follow the directions to continue with Trial 2 or end the sample items.

Fill in Trial 1 Student Response Here:

- |             |                       |  |
|-------------|-----------------------|--|
| Card A      | <input type="radio"/> | → Turn the page to end the sample items. |
| Card B      | <input type="radio"/> | → Remove Card B, Trial 2                 |
| Card C      | <input type="radio"/> | → Remove Card C, Trial 2                 |
| No Response | <input type="radio"/> | → Remove Card B, Trial 2                 |



## Trial 2

- SAY: **"Which card shows a body of water that has been polluted?"**
- Present the response cards in the following order.  
*If Card B was removed, present Card A, then Card C*  
*If Card C was removed, present Card A, then Card B*
- SAY: **"Which card shows a body of water that has been polluted? Choose a card."**
- Record the student response below and end the sample items.

Fill in Trial 2 Student Response Here:

Card A  → End the sample items.

Card B  → End the sample items.

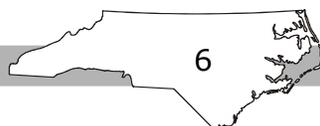
Card C  → End the sample items.

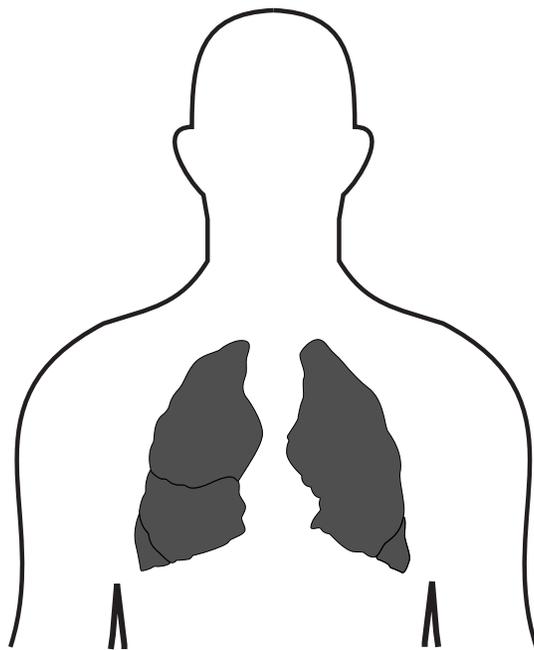
No Response  → End the sample items.

## End of Sample Items

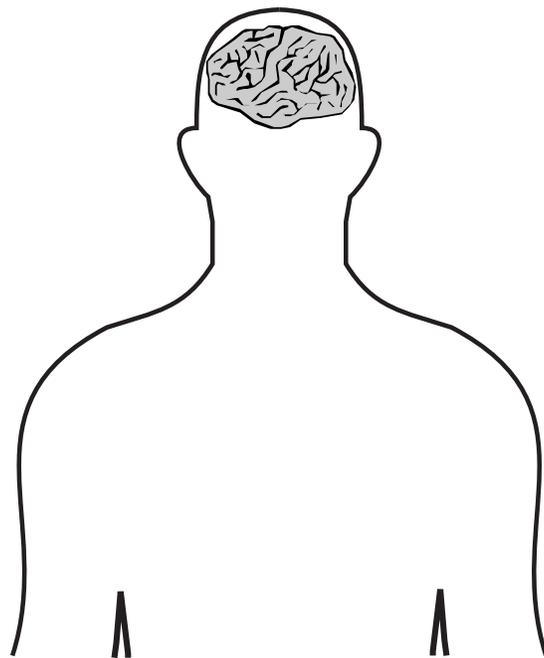
Read the following to announce the end of the testing session.

SAY: **"You have just finished sample items for the North Carolina Biology assessment. Thank you for your hard work."**

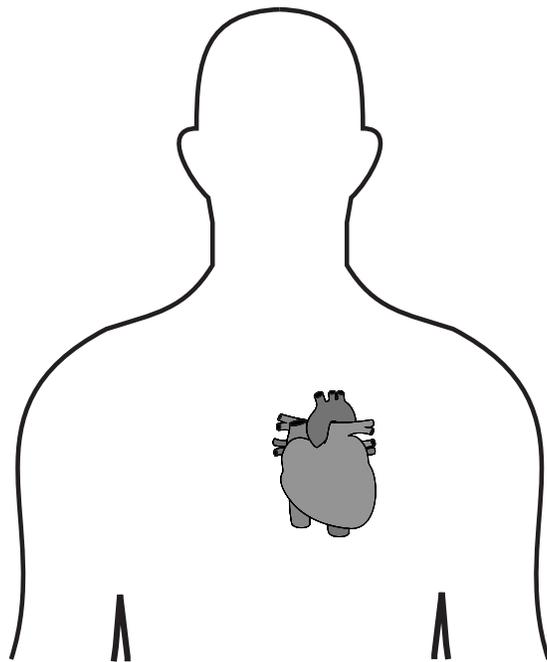




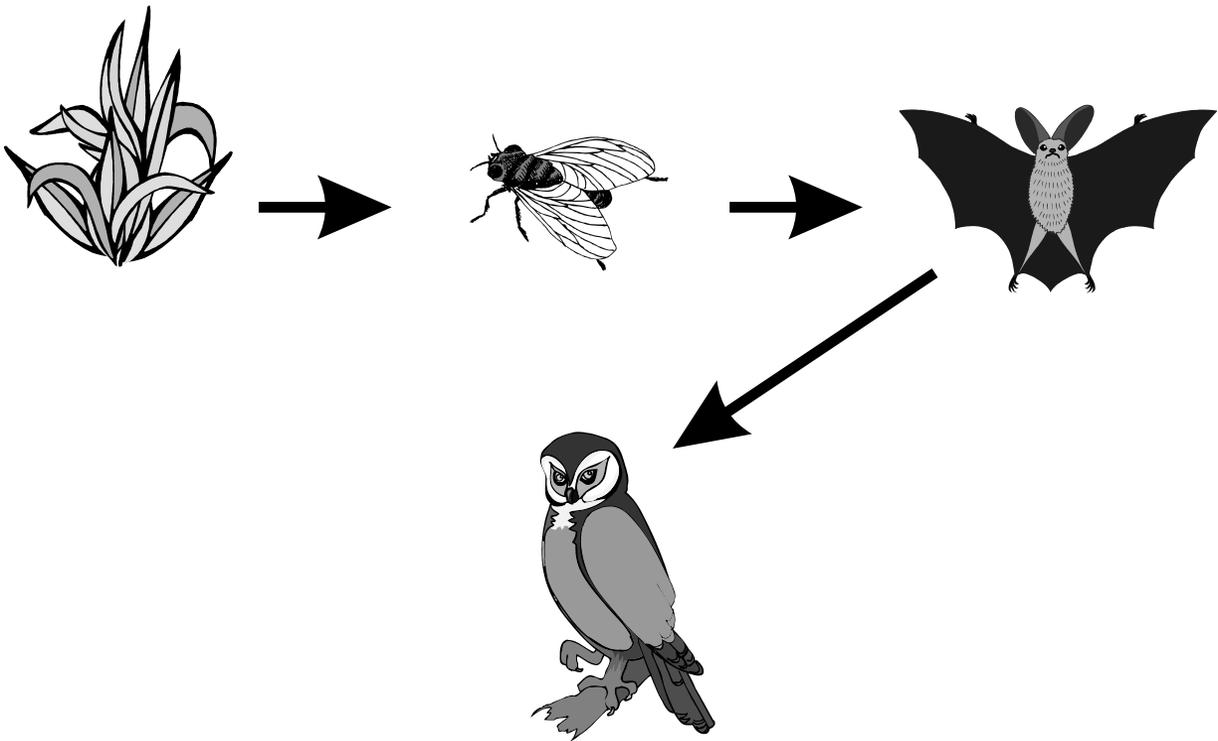
lungs

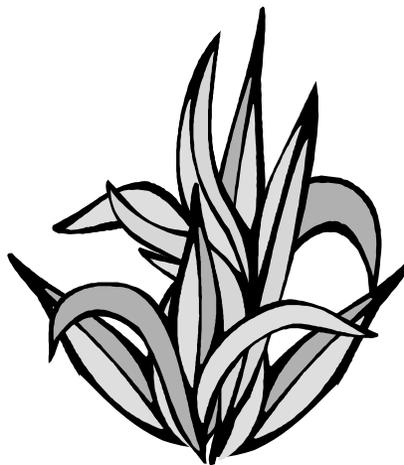


brain



heart

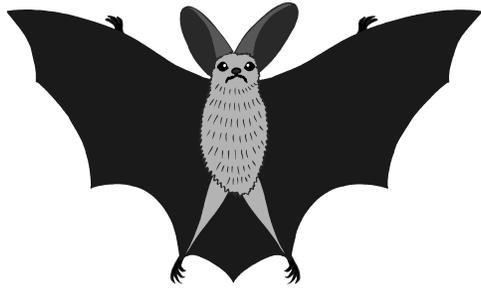




plant



**insect**



bat



