

Released Form

***NCEXTEND1***  
**Science Assessment—**  
**Grade 5**



**Assessor Booklet**

Academic Services and Instructional Support  
Division of Accountability Services





## Item 1

Manipulatives: Provided by NCDPI

- Card A: empty wheelbarrow
- Card B: wheelbarrow half full
- Card C: full wheelbarrow

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

### Trial 1

- SAY: **"Which of these wheelbarrows is the easiest to push?"**
- Present the response cards in the following order using the script below (*Card A, Card B, Card C*).
- SAY: (Card A) **"an empty wheelbarrow"** (Card B) **"a wheelbarrow half full"** (Card C) **"a full wheelbarrow"**
- SAY: **"Which of these wheelbarrows is the easiest to push? 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"/> | → | Go to the next item.   |
| 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 |



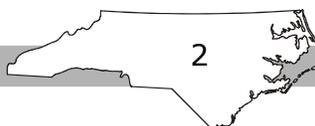
Trial 2

- SAY: **"Which of these wheelbarrows is the easiest to push?"**
- Present the response cards using the following script.  
*If Card B was removed*
- SAY: (Card A) **"an empty wheelbarrow"** (Card C) **"a full wheelbarrow"**  
*If Card C was removed*
- SAY: (Card A) **"an empty wheelbarrow"** (Card B) **"a wheelbarrow half full"**
- SAY: **"Which of these wheelbarrows is the easiest to push? 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

- Card A:       thundering
- Card B:       snowing
- Card C:       raining

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

### Trial 1

- SAY: **“What is the weather doing if frozen water is falling from the sky?”**
- Present the response cards in the following order using the script below (*Card A, Card B, Card C*).
- SAY: (Card A) **“thundering”** (Card B) **“snowing”** (Card C) **“raining”**
- SAY: **“What is the weather doing if frozen water is falling from the sky? 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: **“What is the weather doing if frozen water is falling from the sky?”**
- Present the response cards using the following script.  
*If Card A was removed*
- SAY: (Card B) **“snowing”** (Card C) **“raining”**  
*If Card C was removed*
- SAY: (Card A) **“thundering”** (Card B) **“snowing”**
- SAY: **“What is the weather doing if frozen water is falling from the sky? 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 3

Manipulatives: Provided by NCDPI

- Stimulus: lake
- Card A: crab
- Card B: dolphin
- Card C: fish

\*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 is a lake. Which animal lives in a lake?"**
- Present the response cards in the following order using the script below (*Card A, Card B, Card C*).
- SAY: (Card A) **"a crab"** (Card B) **"a dolphin"** (Card C) **"a fish"**
- SAY: **"Which animal lives in a lake? 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"/> | → | Remove Card A, Trial 2                 |
| Card B      | <input type="radio"/> | → | Remove Card B, Trial 2                 |
| Card C      | <input type="radio"/> | → | Turn the page to end the sample items. |
| No Response | <input type="radio"/> | → | Remove Card A, Trial 2                 |



Trial 2

- Present the stimulus card using the following script.
- SAY: **"This is a lake. Which animal lives in a lake?"**
- Present the response cards using the following script.  
*If Card A was removed*
- SAY: (Card B) **"a dolphin"** (Card C) **"a fish"**  
*If Card B was removed*
- SAY: (Card A) **"a crab"** (Card C) **"a fish"**
- SAY: **"Which animal lives in a lake? Choose a card."**
- Record the student response below and end the sample items.

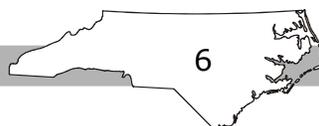
Fill in Trial 2 Student Response Here:

- 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 Science assessment. Thank you for your hard work."**





empty wheelbarrow



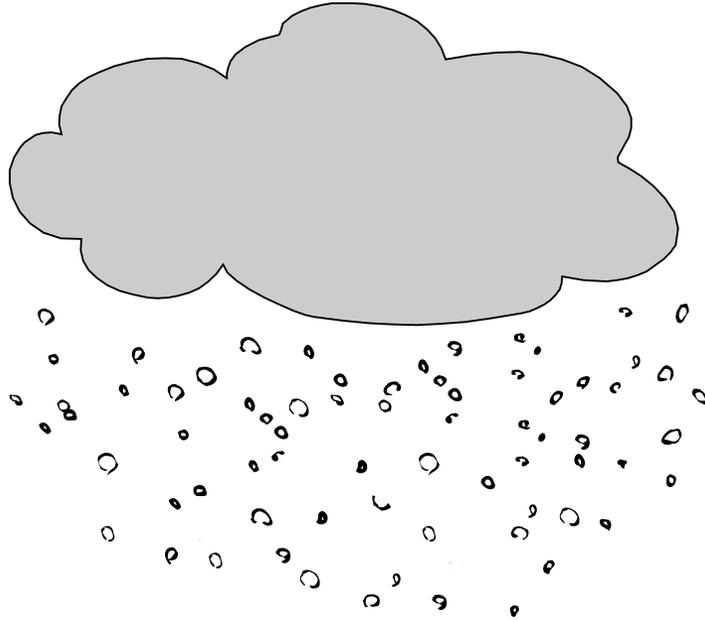
wheelbarrow half full



full wheelbarrow



thundering



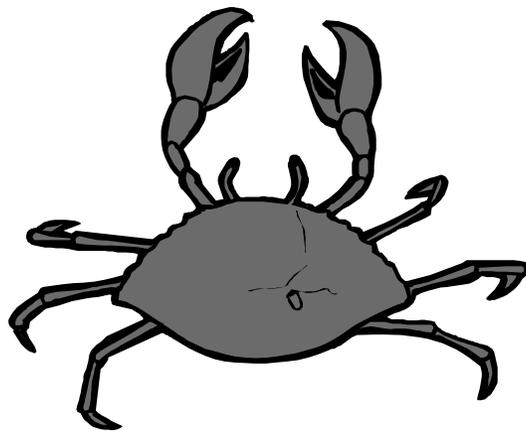
snowing



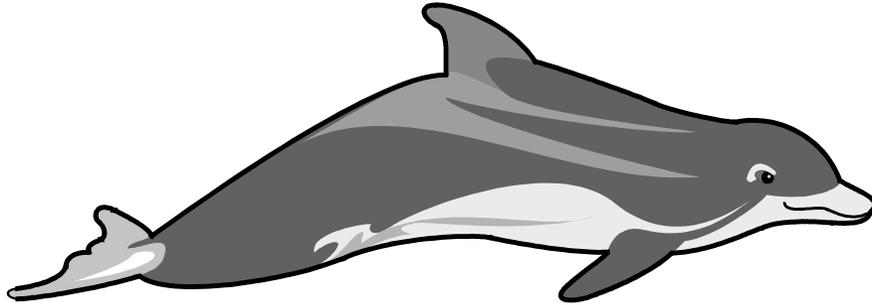
raining



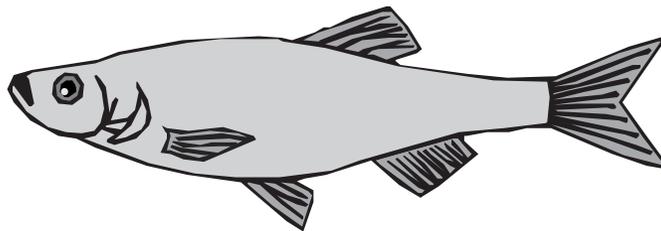
lake



crab



dolphin



fish