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Student Name

Ohio's Achievement Tests





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Reading

March 2005

This test was originally administered to students in March 2005. This publicly released material is appropriate for use by Ohio teachers in instructional settings. This test is aligned with Ohio's Academic Content Standards for English Language Arts.

7/05

Acknowledgments

Reading

Selection 1: One Little Can

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Selection 2: Putting the Sun to Work

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Selection 3: The Old Coat

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Selection 4: The Wag-o-meter Study

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Selection 5 is a field-test passage.

Selection 6: Mae Jemison

From FIVE BRAVE EXPLORERS by Wade Hudson, illustrated by Ron Garnett. Copyright © 1995 by Just Us Books. Illustrations copyright © 1995 by Ron Garnett. Reprinted by permission of Scholastic Inc. Photograph of Mae Jemison: NASA photo.

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Directions:

Today you will be taking the Ohio Grade 4 Reading Achievement Test. This is a test of how well you understand what you read. The test consists of reading selections followed by questions about each reading selection. Three different types of questions appear on this test: multiple choice, short answer and extended response.

There are several important things to remember:

- 1. Read each reading selection to understand what it is about. You may look back at the reading selection as often as necessary.
- Read each question carefully. Think about what is being asked. If a
 graph or other diagram goes with the question, look at it carefully to
 help you answer the question. Then choose or write the answer that you
 think is best.
- 3. When you write your answers, write them neatly and clearly in the space provided.
- 4. When you are asked to select the answer, make sure you fill in the circle next to the answer. Mark only one answer.
- 5. If you do not know the answer to the question, skip it and go on. If you have time, go back to the questions you skipped and answer them before you hand in your test booklet.
- If you finish the test early, you may check over your work. When you are finished and your test booklet has been collected, you may take out your silent work.

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Reading

One Little Can

by David LaRochelle

The copyright permission the Ohio Department of Education secured for **One Little Can** has expired. The selection has been removed; questions 1, 4 and 8 are no longer posted because they contain direct quotations from the selection.

Directions: Use the selection to answer questions 1 - 8.

- 2. Why does Mr. Lee sweep the litter in front of his store?
 - O A. Mrs. Polansky tells him the sidewalk is dirty.
 - O B. It is something he does every day.
 - O C. He is following Rachel's actions.
 - O D. He gets a warning letter from the city council.
- 3. What is the major conflict in the selection and how is it resolved?



- 5. Why does Rachel sing on the way home?
 - O A. She feels good about her neighborhood.
 - O B. A woman gives her some flowers.
 - O C. Mr. Lee gives her a candy bar to eat.
 - O D. Mr. Lee thanks her for her help.
- 6. What is the theme of this selection?
 - O A. One good deed can lead to others.
 - O B. A little litter in the street does not matter.
 - O C. Neighborhoods are made of happy people.
 - O D. It feels good to help a friend in need.



7. How might the selection be different if Rachel had not picked up the soda can on her way to school?

Give two examples, using information from the selection.

a.

b. ____



Putting the Sun to Work

by Jeanne Bendick

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The selection has been removed; questions 13 and 17 are no longer posted because they contain direct quotations from the selection.

Directions: Use the selection to answer questions 9 - 17.

- 9. According to the selection, what are two challenges to using the sun's energy?
 - O A. heating and cooling
 - O B. collection and storage
 - O C. pollution and leftovers
 - O D. absorbing and insulating



10.	How is the way sand and rocks heat up different from the way water heats up?			
	O A. Sand and rocks absorb the heat, and water does not.			
	O B. Sand and rocks heat up faster than water.			
	O C. Water loses heat faster than sand and rocks.			
	O D. Water is a good insulator, but sand and rocks are not.			
11.	What is an example of cause and effect from the selection?			
	O A. While the charcoal fire is starting to burn in the cookout stove, you go for a swim.			
	O B. The word began with the Roman word for the sun, which is <i>sol</i> .			
	 C. Collecting sunshine isn't easy, and sunshine isn't easy to store, either. 			
	O D. The longer it takes something to heat up, the longer that thing holds the heat.			
12.	What are two benefits of solar energy? Use information from the selection in your answer.			
	O.			

b.



- 14. Why do people burn their feet on the sand at the beach?
 - O A. Their feet are slippery.
 - O B. Their feet are wet.
 - O C. The sand absorbs heat.
 - $\ensuremath{\mathsf{O}}$ D. The sand is a solid.
- 15. What helps keep a house warm in the winter and cool in the summer?
 - O A. absorption
 - O B. heat
 - O C. air-conditioning
 - O D. insulation



Ó.	Write a sentence to explain what is described in each section of the selection.				
	Solar Energy				
	Catching Sunshine				
	Storing Heat				
	Keeping Heat in One Place				

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The Old Coat

by Siv Cedering

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Directions: Use the selection to answer questions 18 - 21.

- 18. Who is the speaker in the poem?
 - O A. grandma
 - O B. mother
 - O C. father
 - O D. a child
- 19. What does the speaker do while wearing the coat?
 - O A. falls asleep
 - O B. looks at stars
 - O C. puts tools away
 - O D. walks to school
- 20. Which sentence best summarizes the poem?
 - O A. The family members use the old coat for different reasons.
 - O B. The old coat enjoys being worn in the summer time.
 - O C. The family members enjoy feeding animals.
 - O D. The old coat likes to flap its sleeves.

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The Wag-o-meter Study

by Suzanne M. Baur

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The selection has been removed; questions 27 and 29 are no longer posted because they contain direct quotations from the selection.

Directions: Use the selection to answer questions 22 - 29.

- 22. Under which subheading does the narrator explain what she expects will happen when she calls the puppy "Cabbage"?
 - O A. The Hypothesis
 - O B. The Control Word
 - O C. The Data
 - O D. The Results



Complete the experiment log to summarize the narrator's experiment						
Wag-o-meter Experiment Log						
Hypothesis:						
Procedure:						
			_			
Data:	Count 1	Count 2				
Ginger						
Gingy						
GinGin						
Puppy						
Cabbago						
Cabbage						
Conclusion:						

- 24. What are the data for the narrator's experiment?
 - O A. how many names and nicknames the puppy has
 - O B. how many times the puppy wags her tail
 - O C. how many times the narrator has to call the puppy
 - O D. how many times the narrator pets the puppy
- 25. How does the narrator make sure that her results are correct?
 - O A. She does not count all of the tail wags the first time.
 - O B. She uses different names the second time she counts.
 - O C. She changes the order in which she calls the names.
 - O D. She makes sure Ginger is seated for the experiment.
- 26. What is the main idea of **The Results** section of this experiment?
 - O A. what name the puppy likes the most
 - O B. what names the narrator uses in the experiment
 - O C. what the puppy's different nicknames are
 - O D. what name the narrator calls the puppy at home

28. Which name does the puppy like the most?

How do you know?

On the March 2005 Grade 4 Reading Achievement Test, items 30–35 and the associated passage are fieldtest items, which are not released.



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Mae C. Jemison

by Wade Hudson

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The selection has been removed; questions 39 and 43 are no longer posted because they contain direct quotations from the selection.

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Directions: Use the selection to answer questions 36 - 43.

- 36. What made Mae Jemison wonder whether she had any chance of becoming an astronaut?
 - O A. Mae had to study very hard.
 - O B. Space travel was very popular.
 - O C. There were no women astronauts.
 - O D. Mae had been born in Georgia.
- 37. Complete the chart with examples of cause and effect from the selection.

Cause and Effect Chart

Cause	Effect
She went through a year of training.	
	She received a scholarship to college.
She loved to learn.	
8	She joined the Peace Corps.

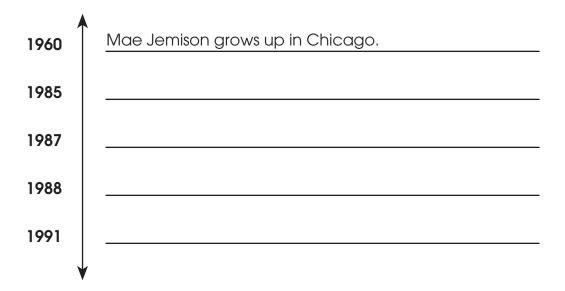
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Reading

Use Pencil Please

- 38. Which detail from the selection supports the fact that it was difficult to be chosen for the astronaut program?
 - O A. Fifteen people were chosen from the 2,000 who applied to the space program.
 - O B. NASA's training program was a year long.
 - O C. The astronauts had to study astronomy, mathematics and earth resources.
 - O D. The astronauts had to exercise to be strong.

40. Complete the timeline about Mae Jemison's life. Use information from the selection.



- 41. Why did Mae Jemison go to Sierra Leone and Liberia?
 - O A. She wanted to become an astronaut.
 - ${\sf O}$ B. She wanted to go to another country.
 - O C. She wanted to attend school there.
 - O D. She wanted to help the people there.



Use Pencil Please

42. What is the main idea of this selection?

- O A. Mae Jemison worked hard and became the first black woman in space.
- O B. Mae Jemison was the first black woman doctor to graduate from Stanford.
- O C. Mae Jemison was the first woman to join the Peace Corps.
- O D. Mae Jemison was the first woman doctor to go to Sierra Leone.





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