

**Missouri Assessment Program
Practice Form
Grade 8
Science
E-MO107**

ADMINISTRATOR'S NOTES TO BRAILLE EDITION

As with all braille tests, braille reading students may need more time to take the test than will print readers. The teacher or administrator of the test will instruct the student in how to take the test. The method in which the student is to answer the test questions and the use of any answer sheets or separate documents should be explained prior to test administration.

These notes also include the same instructions given to the student, indicating what the student will encounter in the braille edition. Some running instructions, like "Go On," have been omitted, but instructions to "Stop" have been retained.

Print and braille page correspondences, as well as all other changes or omissions are listed as follows.

ADMINISTRATOR NOTES FOR THE BRAILLE EDITION

Print Page	Braille Page	Question/Section	Notes
Cover	t1	Title Page Copyright	
	t2	Special Symbols	
	t3	Transcriber's Notes	
1-3	1	Session 1 Science Directions	Print pages 1-3 have been combined. Directions changed: "Now you will be taking the Science Practice Form. This test has two sessions that contain different types of questions. Today you will take Session 1. This session includes a combination of standalone questions and Performance Events that contain a set of questions based on a common task or scenario. Some questions will require you to choose each correct answer. Other questions will require you to mark or indicate your answers to the Test Examiner. Read each question carefully and follow the directions."
4-a4	2-3	Items 1-2	Item 1: Tactile graphic provided. Item 2: Tactile graphics provided.
5	4	Item 3	Item 3: "Circle" changed to "Select" and letter indicators A-F and A-C added to the underlined words.
6-a6	5-6	Item 4	Item 4: Note: The student may need assistance from the Test Examiner to mark or indicate their answer. Tactile graphic provided.
7	6	Item 4, cont.	Item 4: Note: The student may need assistance from the Test Examiner to mark or indicate their answer.
8-a8	7-8	Item 5	Item 5: Note: The student may need assistance from the Test Examiner to mark or indicate their answer. Tactile graphic provided.
9	8	Item 5, cont.	Item 5: Note: The student may need assistance from the Test Examiner to mark or indicate their answer.

Print Page	Braille Page	Question/Section	Notes
10	8	Item 6	Item 6: This item has been omitted.
11-b11	9-11	Item 7	Item 7: Directions change: "The graphs below and on the following page ..." Note: The student may need assistance from the Test Examiner to mark or indicate their answer. Tactile graphics provided.
12	11	Item 7, cont.	Item 7: Note: The student may need assistance from the Test Examiner to mark or indicate their answer.
13-a13	12-13	Energy in Motion	Tactile graphic provided.
14-c14	13-16	Items 8-9	Item 8: Directions changed: "Complete the student's model using the following steps on the next page. <ul style="list-style-type: none"> • Select one of the three shelves where the ball will have the most potential energy. • Select the number of the type of force that causes the ball to have the most potential energy. • Select the arrow to show the direction of the force that causes the ball to have the most potential energy." Format of question changed to list format with letter indicators A-C and A-B added to the answer choices.
15-b15	17-19	Items 10-11	Item 10: "Circle" changed to "Select" and letter indicators A-E and A-C added to the underlined words.
16-a16	20-21	Items 12-13	Item 13: Note: The student may need assistance from the Test Examiner to mark or indicate their answer.
17-b17	22-24	The Unexpected Effects of Wolves in Yellowstone National Park	

Print Page	Braille Page	Question/Section	Notes
18-b18	25-27	Items 14-15	Item 14: Note: The student may need assistance from the Test Examiner to mark or indicate their answer. "Circle" changed to "Select" and letter indicators A-B added to the underlined words.
19-a19	28-29	Items 16-18	
20-a20	30-31	Item 19	Item 19: Directions change: "Write the number of each component in one of the boxes in the model on the following page." Note: The student may need assistance from the Test Examiner to mark or indicate their answer. Tactile graphic provided.
21	32	Item 20	Item 20: Note: The student may need assistance from the Test Examiner to mark or indicate their answer.
22-a22	33-34	Item 21 STOP	Item 21: Directions change: "Complete the chart on the following page ..." Table format changed to list format with letter indicators A-B listed after each phrase.
23	35	Attention! STOP	
24	36	Session 2 Science Directions	Directions changed: "Now you will be taking the Science Practice Form. This test has two sessions that contain different types of questions. Today you will take Session 2. This session includes a combination of standalone questions and Performance Events that contain a set of questions based on a common task or scenario. Some questions will require you to choose each correct answer. Other questions will require you to mark or indicate your answers to the Test Examiner. Read each question carefully and follow the directions."

Print Page	Braille Page	Question/Section	Notes
25	37	Item 1	Item 1: "Circle" changed to "Select" and letter indicators A-E added to the underlined words.
26-b26	38-40	Item 2	Item 2: Directions change: "The data table on the following page ..." Table format changed to list format with numbers 1-2 listed after each phrase.
27-a27	41-42	Item 3	Item 3: Note: The student may need assistance from the Test Examiner to mark or indicate their answer.
28	43	Item 4	Item 4: Note: The student may need assistance from the Test Examiner to mark or indicate their answer. Tactile graphics provided.
29	44	Item 5	Item 5: Note: The student may need assistance from the Test Examiner to mark or indicate their answer. Tactile graphic provided.
30	45	Item 6	Item 6: Map omitted and picture description added: "A map of North America is shown. The Labrador Seaway is shown between Canada and Greenland and moves down to the Hudson Seaway which contains the Hudson Bay. The Hudson Seaway moves through Canada to the Western Interior Seaway which is in the Midwest area of the United States and is bordered by Laramidia, the West Coast of the United States, and Appalachia, the East Coast of the United States. The Western Interior Seaway then moves down to parts of Mexico and southern states and contains the Gulf of Mexico." Note: The student may need assistance from the Test Examiner to mark or indicate their answer.
31	46	Item 6, cont.	Item 6: Note: The student may need assistance from the Test Examiner to mark or indicate their answer.
32	47	Item 7	Item 7: Note: The student may need assistance from the Test Examiner to mark or indicate their answer. Tactile graphic provided.

Print Page	Braille Page	Question/Section	Notes
33-b33	48-50	Changes in Organisms over Time	Directions change: "The chart below and on the following page ..."
34	50	Changes in Organisms over Time, cont.	
35-a35	51-52	Item 8	Item 8: Tactile graphic provided.
36	52	Item 9	Item 9: Note: The student may need assistance from the Test Examiner to mark or indicate their answer.
37-a37	53-54	Items 10-11	Item 11: "Circle" changed to "Select" and letter indicators A-D and A-B added to the underlined words.
38-b38	55-57	Item 12	Item 12: Change: "The chart on the following page ..." Images in table omitted and picture descriptions added: Corn Seeds "Four large corn seeds." and Teosinte Seeds "Seven teosinte seeds of varying sizes are shown."
39-a39	58-59	Item 13	

Print Page	Braille Page	Question/Section	Notes
40-b40	60-62	The Hawaiian-Emperor Seamount Chain	<p>Map omitted and picture description added with list of seamounts to follow: "The map is titled The Hawaiian-Emperor Seamount Chain. The following seamounts begin at the northwest corner of the map and slowly move southeast toward Hawaii which is in the southeast corner of the map."</p> <p>Diagram omitted and picture description added: "The diagram is titled Hotspot Theory. Three volcanoes are shown, below the volcanoes is the Pacific Plate, and below that is the mantle. The movement of the Pacific Plate is toward the northwest. Volcano 1 is toward the northwest and is below the sea level. Volcano 2 is between the northwest and southeast and extends slightly above the sea level. Volcano 3 is in the southeast and extends above sea level more than volcano 2. Rising magma is shown in the mantle pushing the Pacific Plate up under Volcano 3."</p>
41-a41	63-64	Items 14-15	<p>Item 14: "Circle" changed to "Select" and letter indicators A-F added to the underlined words.</p> <p>Item 15: Directions change: "Write the number of each sentence in one of the two categories on the following page."</p> <p>Note: The student may need assistance from the Test Examiner to mark or indicate their answer.</p>
42-a42	65-66	Items 16-17	<p>Item 17: Note: The student may need assistance from the Test Examiner to mark or indicate their answer.</p>

Print Page	Braille Page	Question/Section	Notes
43-b43	67-69	Item 18	Item 18: Directions change: "Using the information from the map, make a graphic on the following page ..." Note: The student may need assistance from the Test Examiner to mark or indicate their answer. Tactile graphic provided. "Circle" changed to "Select" and letter indicators A-H added to the underlined words.
44-a44	70-71	Items 19-20	
45-c45	72-75	Item 21 STOP	Item 21: Directions change: "A team of researchers at a volcanic monitoring site recorded two types of earthquakes for three months on the following pages." Note: The student may need assistance from the Test Examiner to mark or indicate their answer. Tactile graphic provided.
46	76	Attention! STOP	