**Mississippi Academic Assessment Program (MAAP)**

**Science**

**Grade 8**

**Practice Test**

**E-MS009**

**ADMINISTRATOR’S NOTES FOR THE BRAILLE EDITION**

This document accompanies the Mississippi Grade 8 Science braille edition of the practice test. 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.Generally, the student may need extra paper to answer open ended questions. The braille pages with tactile graphics, as listed in the following chart, are provided as a supplement.

These administrator’s notes also include the same instructions given to the student, indicating what the student will encounter in the braille edition. Directional words, such as “below,” may have been changed to reflect placement in the braille booklet. All instructions to “Stop” have been retained. Unless otherwise noted, decorative pictures and accompanying captions, and boxes around text have been omitted in the braille edition.

Print and braille page correspondences are listed in the following chart, as one print page may have required several braille pages. The braille transcription may have required blank pages in order to provide tactile graphics or to keep the content of a question on facing pages. Other changes or omissions are also listed in the chart.

NOTES FOR THE BRAILLE EDITION

| Print Page | Braille Page | Question/Section | Notes |
| --- | --- | --- | --- |
|  | t1 | Cover Page |  |
|  | t2 | Special Symbols |  |
|  | t3 | Transcriber’s Notes | Nemeth Statement |
| 1 | 1 | Directions |  |
| 2-a2 | 2-3 | Scenario | Tactile graphic provided on braille page 3. |
|  | 4 |  | Braille page 4 is blank. |
| 3 | 5 | Question 1 | Part A: Sentence changed: "Select a claim that describes the relationship between wind turbines and human dependency on the use of nonrenewable resources."Part B: Sentence changed: "Select a supporting statement that best defends the claim." |
| 4-a4 | 6-7 | Question 2 |  |
|  | 8 |  | Braille page 8 is blank. |
| 5 | 9 | Question 3 | Sentence changed: "Classify the structural/functional similarities between the pair of organisms as analogous and/or homologous. You may select more than one for each." The answer choices are labeled A.-B.Tactile graphic provided on braille page 9.  |
|  | 10-11 |  | Braille pages 10 and 11 are blank. |
| 6-b6 | 12-15 | Question 4 | Part A: Sentence changed: "As directed by the test administrator, write the rock types in the correct boxes to complete the model." The answer choices are labeled A.-D.Braille page 13 is blank.Tactile graphic provided on braille page 14. Part B: Sentence changed: "Select the rock type that correctly completes the statement." The answer choices are labeled A.-C. |
|  | 16 |  | Braille page 16 is blank. |
| 7 | 17 | Question 5 | Sentence changed: "Match the number of each investigation setup diagram to the behavior it best demonstrates." The answer choices are labeled A.-C.Tactile graphic provided on braille page 17. The label flashlight has been added to setup 1; the labels flashlight and mirror have been added to setup 2; the labels pencil and cup with water have been added to setup 3. |
|  | 18-19 |  | Braille pages 18 and 19 are blank. |
| 8-a8 | 20-21 | Question 6 | Sentence changed: "The graph on the facing page shows how two fish species tolerate different oxygen levels in water." Tactile graphic provided on braille page 21. |
|  | 22-23 |  | Braille pages 22 and 23 are blank. |
| 9-b9 | 24-27 | Question 7 | Tactile graphic provided on braille page 24.Braille page 25 is blank. |
| 10-a10 | 28-29 | Question 8 | Sentence changed: "The map on the facing page shows the movement of the Indian landmass over the past 71 million years."Tactile graphic provided on braille page 29. |
|  | 30-31 |  | Braille pages 30 and 31 are blank. |
| 11-b11 | 32-35 | Question 9 | Tactile graphic provided on braille page 32.Braille page 33 is blank. |
|  | 36-37 |  | Braille pages 36 and 37 are blank. |
| 12-a12 | 38-39 | Question 10 | Sentence changed: "Select two phrases that correctly compare the wavelength and the energy of the two sound waves." Each set of answer choices within parentheses are labeled A.-C.Tactile graphic provided on braille page 38.  |
| 13-a13 | 40-41 | Scenario | Tactile graphic provided on braille page 41.  |
|  | 42 |  | Braille page 42 is blank. |
| 14 | 43 | Question 11 | Sentence changed: "Select one word in each set of parentheses to construct a statement about which color of light exiting the prism has the most energy." The answer choices are labeled A.-G. and A.-B. |
| 15 | 43 | Question 12 |  |
| 16-a16 | 44-45 | Question 13 |  |
| 17-b17 | 45-47 | Question 14 |  |
|  | 48-49 |  | Braille pages 48 and 49 are blank. |
| 18-a18 | 50-51 | Question 15 | Tactile graphics provided on braille pages 50 and 51. |
|  | 52-53 |  | Braille pages 52 and 53 are blank. |
| 19-a19 | 54-55 | Question 16 |  |
| 20-a20 | 56-57 | Question 17 | Sentence changed: "The incomplete model on the facing page represents part of the water cycle."Part A: Sentence changed: "As directed by the test administrator, write the correct label in each box on the model to identify four parts of the water cycle." The answer choices are labeled A.-D.Part B: Sentence changed: "Select on eprocess in each set of parentheses to describe the relationships between parts of the water cycle." Each set of answer choices within parentheses are labeled A.-B. Tactile graphic provided on braille page 57. The labels cloud, river, and ground have been added. |
|  | 58 |  | Braille page 58 is blank. |
| 21 | 59 | Question 18 | Sentence changed: "Select one set of words in each pair of parentheses to construct an explanation about the transfer of genetic information during meiosis." The answer choices are labeled A.-B., A.-C., and A.-B. |
| 22 | 60 | Question 19 |  |
| 23-a23 | 60-61 | Question 20 |  |
|  | 62-63 |  | Braille pages 62 and 63 are blank. |
| 24-a24 | 64-65 | Question 21 | Part A: Sentence changed: "In the Punnett square below, mark in the cell or cells that represent offspring that would be homozygous for light-colored fur as directed by the test administrator."Tactile graphic provided on braille page 64.Part B: Sentence changed: "As directed by the test administrator, write the percentage of rock pocket mice offspring with light-colored fur represented by this cross." |
| 25-a25 | 66-67 | Question 22 | The image of the bird is omitted. |
| 26-b26 | 68-71 | Question 23 | The image of the cactus has been replaced with the following picture description: "The drawing shows multiple, connected, disc-shaped sections which make up the cactus, labeled pad. Each pad contains many small, needle-like structures sticking out of them, labeled spines."Sentence changed: "The graph on the facing page represents the number of cacti with different numbers of spines before the javelinas moved into the area."Tactile graphic provided on braille page 69.Braille page 70 is blank.Sentence changed: "Select one word or set of word in each pair of parentheses to provide an argument and supporting evidence about the effect of the javelinas on the prickly pear cactus population after they are introduced to this area." Each set of answer choices within parentheses are labeled A.-B. |
| 27-a27 | 72-73 | Question 24 | Sentence changed: "Order the text to represent the steps that led to this speciation." The image of the Development of Separate Rabbit Species has been replaced with the following picture description: "The ancestral population of the rabbit species is shown as a white rabbit with ears that stand straight up. On both sides of the river it shows the rabbit populations changing over many generations. On the left side of the river, the rabbit closest to the ancestral population is white with ears that stand straight up. As time progresses, the rabbits begin to have ears that sag, ending with a rabbit that is white with ears that fall flat against its head. On the right side of the river, the rabbit closest to the ancestral population is light gray with ears that stand straight up. As time progresses, the rabbits' fur darkens, ending with a rabbit that is dark gray with ears that stand straight up."The answer choices are labeled A.-C. |
|  | 74-75 |  | Braille pages 74 and 75 are blank. |
| 28-a28 | 76-77 | Question 25 | Tactile graphics provided on braille pages 76 and 77. |