



**STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS**  
**Item Analysis Summary Report**

**GRADE 5**

STATEWIDE

Report Date: AUGUST 2023  
 Date of Testing: SPRING 2023

| READING LANGUAGE ARTS ***         |    |     |     |     |     |    | MATHEMATICS ***                   |    |     |     |     |     |    | SCIENCE ***                       |    |     |     |     |     |    |
|-----------------------------------|----|-----|-----|-----|-----|----|-----------------------------------|----|-----|-----|-----|-----|----|-----------------------------------|----|-----|-----|-----|-----|----|
| Number of Students Tested: 372677 |    |     |     |     |     |    | Number of Students Tested: 378663 |    |     |     |     |     |    | Number of Students Tested: 378742 |    |     |     |     |     |    |
| PERCENT RESPONDING                |    |     |     |     |     |    | PERCENT RESPONDING                |    |     |     |     |     |    | PERCENT RESPONDING                |    |     |     |     |     |    |
| ITEM                              | RC | A   | B   | C   | D   | ** | ITEM                              | RC | A   | B   | C   | D   | ** | ITEM                              | RC | A   | B   | C   | D   | ** |
| 1.                                | 1  | 21  | 7   | 66* | 6   | 0  | 1.                                | 2  | 8   | 76* | 5   | 11  | 0  | 1.§                               | 1  | 30* | 10  | 60  | 0   | 0  |
| 2.                                | 1  | 69* | 9   | 7   | 15  | 0  | 2.                                | 1  | 87* | 6   | 5   | 3   | 0  | 2.§                               | 4  | 93* | 5   | 2   | 0   | 0  |
| 3.                                | 1  | 25  | 10  | 6   | 59* | 0  | 3.                                | 4  | 8   | 75* | 6   | 10  | 0  | 3.                                | 1  | 22  | 14  | 56* | 9   | 0  |
| 4.                                | 1  | 25  | 12  | 11  | 52* | 0  | 4.                                | 1  | 7   | 12  | 67* | 14  | 0  | 4.                                | 4  | 13  | 46* | 17  | 23  | 0  |
| 5.                                | 1  | 5   | 20  | 66* | 9   | 0  | 5.                                | 2  | 23  | 52* | 19  | 6   | 0  | 5.                                | 2  | 10  | 59* | 13  | 17  | 0  |
| 6.                                | 1  | 10  | 24  | 11  | 55* | 0  | 6.                                | 3  | 9   | 19  | 14  | 58* | 0  | 6.                                | 1  | 26  | 57* | 12  | 5   | 0  |
| 7.                                | 1  | 60* | 28  | 9   | 2   | 0  | 7.                                | 2  | 71* | 19  | 8   | 2   | 0  | 7.                                | 2  | 30* | 59  | 6   | 5   | 0  |
| 8.                                | 1  | 3   | 85* | 5   | 7   | 0  | 8.                                | 3  | 14  | 34  | 22  | 30* | 0  | 8.§                               | 4  | 64* | 8   | 29  | 0   | 0  |
| 9.                                | 1  | 74* | 6   | 16  | 4   | 0  | 9.§                               | 2  | 15* | 62  | 23  | 0   | 0  | 9.                                | 3  | 29* | 22  | 31  | 18  | 0  |
| 10.                               | 1  | 9   | 14  | 8   | 70* | 0  | 10.                               | 3  | 30* | 10  | 18  | 43  | 0  | 10.                               | 4  | 17  | 12  | 12  | 58* | 0  |
| 11.§                              | 1  | 15* | 22  | 63  | 0   | 0  | 11.                               | 4  | 12  | 14  | 59* | 14  | 0  | 11.                               | 3  | 20  | 61* | 9   | 10  | 0  |
| 12.                               | 1  | 12  | 7   | 7   | 73* | 0  | 12.                               | 2  | 30* | 19  | 19  | 32  | 0  | 12.                               | 4  | 10  | 73* | 9   | 8   | 0  |
| 13.                               | 1  | 78* | 11  | 10  | 1   | 0  | 13.§                              | 1  | 71* | 7   | 21  | 0   | 0  | 13.§                              | 3  | 54* | 38  | 9   | 0   | 0  |
| 14.                               | 1  | 7   | 20  | 19  | 53* | 0  | 14.                               | 2  | 6   | 7   | 38  | 49* | 0  | 14.                               | 2  | 15  | 60* | 13  | 12  | 0  |
| 15.                               | 1  | 3   | 14  | 8   | 75* | 0  | 15.                               | 3  | 11  | 65* | 17  | 7   | 0  | 15.§                              | 2  | 27* | 55  | 18  | 0   | 0  |
| 16.                               | 1  | 10  | 4   | 77* | 9   | 0  | 16.§                              | 2  | 50* | 33  | 17  | 0   | 0  | 16.                               | 4  | 53* | 7   | 18  | 21  | 0  |
| 17.                               | 1  | 12  | 18  | 18  | 52* | 0  | 17.§                              | 2  | 54* | 24  | 21  | 0   | 0  | 17.                               | 3  | 17  | 67* | 10  | 6   | 0  |
| 18.                               | 1  | 9   | 11  | 57* | 23  | 0  | 18.                               | 3  | 20  | 15  | 59* | 6   | 0  | 18.                               | 3  | 57* | 10  | 16  | 18  | 0  |
| 19.                               | 1  | 4   | 15  | 73* | 9   | 0  | 19.†                              | 1  | 22* | 78  | 0   | 0   | 0  | 19.                               | 4  | 12  | 13  | 28  | 47* | 0  |
| 20.§                              | 1  | 23* | 9   | 68  | 0   | 0  | 20.                               | 3  | 46* | 28  | 11  | 15  | 0  | 20.                               | 1  | 9   | 30* | 49  | 13  | 0  |
| 21.†                              | 1  | 80* | 20  | 0   | 0   | 0  | 21.                               | 2  | 12  | 12  | 62* | 14  | 0  | 21.                               | 3  | 9   | 31  | 54* | 6   | 0  |
| 22.                               | 1  | 7   | 9   | 78* | 7   | 0  | 22.§                              | 3  | 44* | 40  | 16  | 0   | 0  | 22.                               | 4  | 36* | 25  | 19  | 20  | 0  |
| 23.                               | 1  | 62* | 26  | 6   | 6   | 0  | 23.§                              | 2  | 59* | 30  | 11  | 0   | 0  | 23.                               | 3  | 10  | 52  | 4   | 34* | 0  |
| 24.                               | 1  | 17  | 57* | 22  | 4   | 0  | 24.                               | 1  | 21  | 19  | 14  | 45* | 0  | 24.                               | 1  | 54* | 2   | 3   | 40  | 0  |
| 25.                               | 2  | 11  | 76* | 6   | 6   | 0  | 25.                               | 2  | 7   | 8   | 80* | 5   | 0  | 25.                               | 4  | 15  | 5   | 41* | 40  | 0  |
| 26.                               | 2  | 59* | 15  | 6   | 19  | 0  | 26.§                              | 1  | 59* | 20  | 21  | 0   | 0  | 26.§                              | 3  | 7*  | 73  | 20  | 0   | 0  |
| 27.                               | 2  | 3   | 4   | 31  | 62* | 0  | 27.                               | 2  | 17  | 63* | 14  | 6   | 0  | 27.                               | 4  | 11  | 24  | 13  | 52* | 0  |
| 28.†                              | 2  | 66* | 34  | 0   | 0   | 0  | 28.                               | 1  | 12  | 23  | 26  | 39* | 0  | 28.§                              | 2  | 47* | 37  | 16  | 0   | 0  |
| 29.†                              | 2  | 56* | 43  | 0   | 0   | 0  | 29.                               | 2  | 24  | 65* | 7   | 4   | 0  | 29.                               | 2  | 16  | 15  | 60* | 9   | 0  |
| 30.                               | 2  | 9   | 13  | 65* | 12  | 0  | 30.                               | 4  | 8   | 29  | 37* | 25  | 0  | 30.                               | 3  | 20  | 35* | 32  | 13  | 0  |
| 31.                               | 2  | 9   | 74* | 10  | 7   | 0  | 31.§                              | 2  | 23* | 57  | 20  | 0   | 0  | 31.                               | 2  | 4   | 12  | 9   | 74* | 0  |
| 32.                               | 2  | 64* | 17  | 11  | 7   | 0  | 32.                               | 3  | 48* | 31  | 7   | 14  | 0  | 32.                               | 4  | 10  | 6   | 75* | 9   | 0  |
| 33.                               | 2  | 5   | 33  | 7   | 54* | 0  | 33.                               | 4  | 9   | 8   | 14  | 69* | 0  |                                   |    |     |     |     |     |    |
| 34.                               | 2  | 18  | 8   | 14  | 60* | 0  | 34.                               | 2  | 15  | 5   | 76* | 4   | 0  |                                   |    |     |     |     |     |    |
| 35.                               | 2  | 20  | 7   | 67* | 5   | 0  |                                   |    |     |     |     |     |    |                                   |    |     |     |     |     |    |
| 36.†                              | 2  | 57* | 43  | 0   | 0   | 0  |                                   |    |     |     |     |     |    |                                   |    |     |     |     |     |    |
| 37.                               | 2  | 5   | 4   | 72* | 18  | 0  |                                   |    |     |     |     |     |    |                                   |    |     |     |     |     |    |
| 38.                               | 2  | 33  | 14  | 7   | 45* | 0  |                                   |    |     |     |     |     |    |                                   |    |     |     |     |     |    |
| 39.                               | 2  | 6   | 71* | 17  | 5   | 0  |                                   |    |     |     |     |     |    |                                   |    |     |     |     |     |    |
| 40.                               | 2  | 10  | 78* | 4   | 8   | 0  |                                   |    |     |     |     |     |    |                                   |    |     |     |     |     |    |

† = Item is not a multiple-choice item. For this item, the letter "A" represents the correct answer and "B" represents an incorrect answer.  
 § = Item is not a multiple-choice item. For this item, the letter "A" represents the full credit answer, "B" represents a zero credit answer, and "C" represents a partial credit answer.  
 \* = Correct answer choice      \*\* = Percent of students who did not answer  
 A listing of the reporting categories is found on the Summary Report.  
 \*\*\* = Results for students who took the test on Paper, Braille or ASL are not included in the percent responding results.



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| READING LANGUAGE ARTS ***        |    |     |     |     |     |    | MATHEMATICS ***                 |    |     |     |     |     |    | SCIENCE ***                     |    |     |     |     |     |    |
|----------------------------------|----|-----|-----|-----|-----|----|---------------------------------|----|-----|-----|-----|-----|----|---------------------------------|----|-----|-----|-----|-----|----|
| Number of Students Tested: 15991 |    |     |     |     |     |    | Number of Students Tested: 8483 |    |     |     |     |     |    | Number of Students Tested: 9775 |    |     |     |     |     |    |
| PERCENT RESPONDING               |    |     |     |     |     |    | PERCENT RESPONDING              |    |     |     |     |     |    | PERCENT RESPONDING              |    |     |     |     |     |    |
| ITEM                             | RC | A   | B   | C   | D   | ** | ITEM                            | RC | A   | B   | C   | D   | ** | ITEM                            | RC | A   | B   | C   | D   | ** |
| 1.                               | 1  | 80* | 7   | 10  | 3   | 0  | 1.                              | 2  | 11  | 69* | 7   | 14  | 0  | 1.§                             | 1  | 23* | 15  | 62  | 0   | 0  |
| 2.                               | 1  | 14  | 5   | 30  | 52* | 0  | 2.                              | 1  | 74* | 11  | 9   | 6   | 0  | 2.§                             | 4  | 80* | 12  | 8   | 0   | 0  |
| 3.                               | 1  | 19  | 53* | 17  | 11  | 0  | 3.                              | 4  | 16  | 53* | 13  | 18  | 0  | 3.                              | 1  | 24  | 22  | 40* | 14  | 0  |
| 4.                               | 1  | 59* | 15  | 19  | 8   | 0  | 4.                              | 1  | 14  | 23  | 37* | 26  | 0  | 4.                              | 4  | 13  | 28* | 25  | 34  | 0  |
| 5.§                              | 1  | 24* | 30  | 45  | 0   | 0  | 5.                              | 2  | 26  | 38* | 19  | 16  | 0  | 5.                              | 2  | 14  | 47* | 16  | 22  | 0  |
| 6.†                              | 1  | 59* | 41  | 0   | 0   | 0  | 6.                              | 3  | 16  | 22  | 17  | 44* | 0  | 6.                              | 1  | 34  | 29* | 29  | 8   | 0  |
| 7.                               | 1  | 66* | 14  | 10  | 11  | 0  | 7.                              | 2  | 62* | 22  | 13  | 4   | 0  | 7.                              | 2  | 23* | 66  | 7   | 5   | 0  |
| 8.                               | 1  | 12  | 7   | 57* | 23  | 0  | 8.                              | 3  | 19  | 31  | 27  | 23* | 0  | 8.§                             | 4  | 45* | 15  | 40  | 0   | 0  |
| 9.                               | 1  | 10  | 11  | 71* | 8   | 0  | 9.§                             | 2  | 5*  | 76  | 19  | 0   | 0  | 9.                              | 3  | 24* | 31  | 26  | 18  | 0  |
| 10.                              | 1  | 10  | 77* | 4   | 9   | 0  | 10.                             | 3  | 22* | 13  | 20  | 45  | 0  | 10.                             | 4  | 16  | 33  | 16  | 35* | 0  |
| 11.                              | 1  | 58* | 15  | 16  | 11  | 0  | 11.                             | 4  | 15  | 17  | 44* | 23  | 0  | 11.                             | 3  | 18  | 49* | 15  | 18  | 0  |
| 12.                              | 1  | 19  | 19  | 57* | 5   | 0  | 12.                             | 2  | 22* | 23  | 26  | 29  | 0  | 12.                             | 4  | 15  | 62* | 14  | 9   | 0  |
| 13.                              | 1  | 78* | 5   | 6   | 11  | 0  | 13.§                            | 1  | 50* | 15  | 35  | 0   | 0  | 13.§                            | 3  | 37* | 49  | 14  | 0   | 0  |
| 14.                              | 1  | 24  | 7   | 62* | 7   | 0  | 14.                             | 2  | 10  | 11  | 46  | 32* | 0  | 14.                             | 2  | 24  | 42* | 16  | 19  | 0  |
| 15.                              | 1  | 66* | 12  | 13  | 8   | 0  | 15.                             | 3  | 21  | 49* | 20  | 9   | 0  | 15.§                            | 2  | 5*  | 81  | 13  | 0   | 0  |
| 16.                              | 1  | 7   | 9   | 13  | 71* | 0  | 16.§                            | 2  | 32* | 50  | 17  | 0   | 0  | 16.                             | 4  | 53* | 13  | 19  | 15  | 0  |
| 17.                              | 1  | 10  | 59* | 12  | 19  | 0  | 17.§                            | 2  | 35* | 36  | 29  | 0   | 0  | 17.                             | 3  | 22  | 47* | 21  | 9   | 0  |
| 18.                              | 1  | 12  | 17  | 17  | 53* | 0  | 18.                             | 3  | 20  | 26  | 44* | 10  | 0  | 18.                             | 3  | 44* | 17  | 17  | 22  | 0  |
| 19.                              | 1  | 68* | 15  | 8   | 9   | 0  | 19.†                            | 1  | 5*  | 95  | 0   | 0   | 0  | 19.                             | 4  | 16  | 17  | 37  | 30* | 0  |
| 20.†                             | 1  | 37* | 63  | 0   | 0   | 0  | 20.                             | 3  | 41* | 28  | 15  | 16  | 0  | 20.                             | 1  | 8   | 20* | 51  | 21  | 0  |
| 21.                              | 1  | 45* | 15  | 22  | 17  | 0  | 21.                             | 2  | 13  | 18  | 50* | 19  | 0  | 21.                             | 3  | 12  | 38  | 41* | 10  | 0  |
| 22.§                             | 1  | 46* | 38  | 16  | 0   | 0  | 22.§                            | 3  | 26* | 54  | 20  | 0   | 0  | 22.                             | 4  | 29* | 22  | 24  | 25  | 0  |
| 23.                              | 1  | 7   | 70* | 11  | 12  | 0  | 23.§                            | 2  | 39* | 44  | 17  | 0   | 0  | 23.                             | 3  | 14  | 62  | 6   | 18* | 0  |
| 24.                              | 1  | 11  | 66* | 9   | 14  | 0  | 24.                             | 1  | 22  | 27  | 19  | 31* | 0  | 24.                             | 1  | 40* | 6   | 6   | 48  | 0  |
| 25.†                             | 2  | 76* | 24  | 0   | 0   | 0  | 25.                             | 2  | 11  | 14  | 68* | 7   | 0  | 25.                             | 4  | 18  | 8   | 24* | 49  | 0  |
| 26.                              | 2  | 18  | 42* | 29  | 11  | 0  | 26.§                            | 1  | 41* | 24  | 35  | 0   | 0  | 26.§                            | 3  | 2*  | 84  | 13  | 0   | 0  |
| 27.                              | 2  | 10  | 14  | 56* | 20  | 0  | 27.                             | 2  | 16  | 54* | 21  | 9   | 0  | 27.                             | 4  | 12  | 30  | 18  | 39* | 0  |
| 28.                              | 2  | 52* | 14  | 14  | 20  | 0  | 28.                             | 1  | 15  | 29  | 25  | 31* | 0  | 28.§                            | 2  | 27* | 47  | 27  | 0   | 0  |
| 29.                              | 2  | 21  | 12  | 28  | 40* | 0  | 29.                             | 2  | 41  | 43* | 10  | 6   | 0  | 29.                             | 2  | 20  | 23  | 45* | 12  | 0  |
| 30.†                             | 2  | 39* | 61  | 0   | 0   | 0  | 30.                             | 4  | 14  | 31  | 27* | 29  | 0  | 30.                             | 3  | 27  | 29* | 20  | 24  | 0  |
| 31.                              | 2  | 12  | 14  | 17  | 57* | 0  | 31.§                            | 2  | 9*  | 76  | 14  | 0   | 0  | 31.                             | 2  | 7   | 15  | 13  | 65* | 0  |
| 32.                              | 2  | 54* | 11  | 13  | 21  | 0  | 32.                             | 3  | 36* | 38  | 10  | 16  | 0  | 32.                             | 4  | 17  | 21  | 45* | 17  | 0  |
| 33.                              | 2  | 14  | 11  | 33* | 41  | 0  | 33.                             | 4  | 20  | 12  | 26  | 42* | 0  |                                 |    |     |     |     |     |    |
| 34.                              | 2  | 14  | 63* | 9   | 14  | 0  | 34.                             | 2  | 23  | 9   | 62* | 6   | 0  |                                 |    |     |     |     |     |    |
| 35.                              | 2  | 14  | 16  | 50* | 20  | 0  |                                 |    |     |     |     |     |    |                                 |    |     |     |     |     |    |
| 36.                              | 2  | 7   | 23  | 16  | 55* | 0  |                                 |    |     |     |     |     |    |                                 |    |     |     |     |     |    |
| 37.                              | 2  | 34* | 10  | 34  | 22  | 0  |                                 |    |     |     |     |     |    |                                 |    |     |     |     |     |    |
| 38.                              | 2  | 8   | 50* | 24  | 17  | 0  |                                 |    |     |     |     |     |    |                                 |    |     |     |     |     |    |
| 39.                              | 2  | 22  | 11  | 9   | 58* | 0  |                                 |    |     |     |     |     |    |                                 |    |     |     |     |     |    |
| 40.                              | 2  | 5   | 8   | 74* | 13  | 0  |                                 |    |     |     |     |     |    |                                 |    |     |     |     |     |    |

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 § = Item is not a multiple-choice item. For this item, the letter "A" represents the full credit answer, "B" represents a zero credit answer, and "C" represents a partial credit answer.  
 \* = Correct answer choice      \*\* = Percent of students who did not answer  
 A listing of the reporting categories is found on the Summary Report.  
 \*\*\* = Results for students who took the test on Paper, Braille or ASL are not included in the percent responding results.