The Georgia Milestones Assessment System spans grades 3 through high school and measures how well students have learned the knowledge and skills outlined in the state content standards in English Language Arts, Mathematics, Science, and Social Studies. Georgia Milestones provides information about each student's achievement and readiness for his or her next level of learning—be it the next grade, course, or endeavor such as college or career.

This report summarizes your student's performance on the Spring 2017 Georgia Milestones End-of-Grade (EOG) Assessment. The first page provides an overview of all four content areas. Additional pages provide more details about your student's performance in each content area.

### Your student’s performance on the Georgia Milestones End-of-Grade Assessment for Grade 8

<table>
<thead>
<tr>
<th>CONTENT AREA</th>
<th>ENGLISH LANGUAGE ARTS</th>
<th>MATHEMATICS</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACHIEVEMENT LEVEL</td>
<td>LEVEL 3: PROFICIENT LEARNER</td>
<td>LEVEL 2: DEVELOPING LEARNER</td>
<td>LEVEL 3: PROFICIENT LEARNER</td>
<td>Present, Test Not Attempted</td>
</tr>
<tr>
<td>SCALE SCORE</td>
<td>540 CA*</td>
<td>500</td>
<td>525</td>
<td>PTNA</td>
</tr>
<tr>
<td></td>
<td>Scale Score Range 525-580</td>
<td>Scale Score Range 475-524</td>
<td>Scale Score Range 525-592</td>
<td></td>
</tr>
</tbody>
</table>

**Achievement Levels**

**LEVEL 1: BEGINNING LEARNERS** do not yet demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students need substantial academic support to be prepared for the next grade level or course and to be on track for college and career readiness.

**LEVEL 2: DEVELOPING LEARNERS** demonstrate partial proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia’s content standards. The students need additional academic support to ensure success in the next grade level or course and are on track for college and career readiness.

**LEVEL 3: PROFICIENT LEARNERS** demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia’s content standards. The students are prepared for the next grade level or course and are on track for college and career readiness.

**LEVEL 4: DISTINGUISHED LEARNERS** demonstrate advanced proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia’s content standards. The students are well prepared for the next grade level or course and are well prepared for college and career readiness.

*CA* - shows that your student took the test with a Conditional Administration. A test score resulting from a conditional administration must be interpreted in light of the specific accommodations provided the student during testing.

For more information see the Score Interpretation Guide at testing.gadoe.org.
## Grade 8 – Understanding Your Child’s Performance: Mathematics

Below is a summary of skills and knowledge students must demonstrate to achieve each performance level. A student should demonstrate mastery of knowledge and skills within his/her achievement level as well as all content and skills that precede it (for example, a Proficient Learner should also possess the knowledge and skills of a Developing Learner and a Beginning Learner).

### English Language Arts

**Beginning Learner**
- Identify the theme or central idea and provide a summary of near- grade-level text
- Write basic informational texts to support a claim with reasons and limited details
- Write simple narratives with descriptive details
- Conduct short research projects

**Developing Learner**
- Identify the theme or central idea and provide an objective summary of near-grade-level text
- Write general informational texts to support a claim with reasons and evidence
- Write simple narratives with descriptive details
- Conduct short research projects

**Proficient Learner**
- Identify the theme or central idea and provide a thorough summary of complex, above-grade-level text
- Write general informational texts with analysis of relevant facts and examples
- Write descriptive narratives with well-chosen details and precise language
- Conduct sustained research projects to answer questions or solve problems

**Distinguished Learner**
- Identify the theme or central idea and provide a comprehensive summary of complex, above-grade-level text
- Write general informational texts with clear and well-developed arguments with facts and reasoned arguments
- Write detailed narratives with well-chosen details and precise language
- Conclusions

### Mathematics

**Beginning Learner**
- Recognize irrational numbers
- Calculate with a negative-whole-number exponent
- Represent multiples of ten in scientific notation
- Identify equivalent ratios
- Distinguish between congruent figures
- Find the hypotenuse of a right triangle
- Recognize associations between two sets of data

**Developing Learner**
- Recognize irrational numbers
- Calculate with a negative-whole-number exponent
- Represent multiples of ten in scientific notation
- Identify equivalent ratios
- Distinguish between congruent figures
- Find the hypotenuse of a right triangle
- Recognize associations between two sets of data

**Proficient Learner**
- Recognize irrational numbers
- Calculate with a negative-whole-number exponent
- Represent multiples of ten in scientific notation
- Identify equivalent ratios
- Distinguish between congruent figures
- Find the hypotenuse of a right triangle
- Recognize associations between two sets of data

**Distinguished Learner**
- Recognize irrational numbers
- Calculate with a negative-whole-number exponent
- Represent multiples of ten in scientific notation
- Identify equivalent ratios
- Distinguish between congruent figures
- Find the hypotenuse of a right triangle
- Recognize associations between two sets of data
**Grade 8**

**Level 4: Distinguished Learner**

Scale Score Range: 581-730

Proficient Learners demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students are prepared for the next grade level or course and are on track for college and career readiness.

- **540 CA**

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**Domain**

**Performance**

**Reading and Vocabulary**

Monitor Learning

Extended Writing argumentative essay score:

**Writing and Language**

Monitor Learning

- Idea Development, Organization and Coherence: 2 out of 4 points
- Language Usage and Conventions: 2 out of 3 points
- Narrative Writing Response score: 2 out of 4 points

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**Standard Error of Measurement (SEM):** A scale score of 540 CA indicates your student's achievement on the day of testing. If your student were to take the same test again, it is likely that his or her score would be within the standard error of measurement range of 525-557.

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**Comparison to the School, System, and State**

The school, system, and state bar graphs reflect the mean scale score for groups of 15 or more students.

<table>
<thead>
<tr>
<th>Achievement Levels</th>
<th>Student</th>
<th>School</th>
<th>System</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 4: Distinguished Learner</td>
<td>540 CA</td>
<td>537</td>
<td>525</td>
<td>519</td>
</tr>
<tr>
<td>Scale Score Range: 581-730</td>
<td>Scale Score Range: 525-580</td>
<td>Scale Score Range: 475-524</td>
<td>Scale Score Range: 225-474</td>
<td></td>
</tr>
</tbody>
</table>

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**Comparison to a National Sample of Students**

Your student's performance can be compared to other students nationally in Reading. A subset of items in the End-of-Grade assessment is from TerraNova, a nationally normed achievement test.

- National Percentile: 88
- A national percentile of 88 means that your student performed as well as or better than 88 percent of the national norming group. If the student were to take the test again, he or she would be expected to obtain a national percentile rank within the National Percentile Range.

- National Percentile Range: 73-96

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**Your Student's Lexile Information**

- **Lexile Measure:** 1285L
- **Lexile Range:** 1185L-1335L

The Lexile Framework® for Reading matches a student's reading ability with the difficulty of test material. When selecting books, it is important to consider that Lexiles do not address age-appropriateness, student interest, or text quality. Suggested titles are not necessarily endorsed by the Georgia Department of Education. Books within the student's Lexile range can be found at the local library or by using the Find-a-Book database at www.lexile.com. For more information, visit www.gadoe.org/lexile.aspx.

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*Condition Codes for Writing*

<table>
<thead>
<tr>
<th>Condition Codes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A = Blank, B = Copied, C = Too Limited to Score, D = Non-English/Foreign Language, E = Off Topic, F = Offensive, G = Illegible/Incomprehensible</td>
<td></td>
</tr>
</tbody>
</table>

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**Leisure Reading: 1185L-1285L**

<table>
<thead>
<tr>
<th>Suggested Titles</th>
<th>Author</th>
<th>Lexile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rebecca of Sunnybrook Farm</td>
<td>Wiggin, Kate Douglas</td>
<td>1190L</td>
</tr>
<tr>
<td>Sword Song</td>
<td>Sutcliff, Rosemary</td>
<td>1240L</td>
</tr>
<tr>
<td>The Dog Who Wouldn't Be</td>
<td>Mowat, Farley</td>
<td>1280L</td>
</tr>
</tbody>
</table>

**Motivating Challenge: 1285L-1335L**

<table>
<thead>
<tr>
<th>Suggested Titles</th>
<th>Author</th>
<th>Lexile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexico</td>
<td>Goodwin, William</td>
<td>1290L</td>
</tr>
<tr>
<td>Kon-Tiki</td>
<td>Heyerdahl, Thor</td>
<td>1310L</td>
</tr>
<tr>
<td>Muhammad Ali: The World's Champion</td>
<td>Tessitore, John</td>
<td>1330L</td>
</tr>
</tbody>
</table>
Mathematics
Grade 8

Achievement Level

- **Level 2: Developing Learner**
  - Scale Score: 500
  - Developing Learners demonstrate partial proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia’s content standards. The students need additional academic support to ensure success in the next grade level or course and to be on track for college and career readiness.

Standard Error of Measurement (SEM): A scale score of 500 indicates your student’s achievement on the day of testing. If your student were to take the same test again, it is likely that his or her score would be within the standard error of measurement range of 488-514.

Domain Category | Performance
--- | ---
Numbers, Expressions, and Equations | Remediate Learning
Algebra and Functions | Remediate Learning
Geometry | Remediate Learning
Statistics and Probability | Monitor Learning

Comparison to the School, System, and State
The school, system, and state bar graphs reflect the mean scale score for groups of 15 or more students.

<table>
<thead>
<tr>
<th>Achievement Levels</th>
<th>Student</th>
<th>School</th>
<th>System</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 4: Distinguished Learner Scale Score Range: 579-755</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level 3: Proficient Learner Scale Score Range: 525-578</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level 2: Developing Learner Scale Score Range: 475-524</td>
<td>500</td>
<td>488</td>
<td>479</td>
<td>493</td>
</tr>
<tr>
<td>Level 1: Beginning Learner Scale Score Range: 275-474</td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Comparison to a National Sample of Students

<table>
<thead>
<tr>
<th>National Percentile</th>
<th>National Percentile Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Your student’s performance can be compared to other students nationally in Mathematics. A subset of items in the End-of-Grade assessment is from TerraNova, a nationally normed achievement test.</td>
<td>A national percentile of 87 means that your student performed as well as or better than 87 percent of the national norming group. If the student were to take the test again, he or she would be expected to obtain a national percentile rank within the National Percentile Range.</td>
</tr>
</tbody>
</table>
Science
Grade 8

Achievement Level

<table>
<thead>
<tr>
<th>✓ Level 3: Proficient Learner</th>
<th>Scale Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proficient Learners demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students are prepared for the next grade level or course and are on track for college and career readiness.</td>
<td>525</td>
</tr>
</tbody>
</table>

Standard Error of Measurement (SEM): A scale score of 525 indicates your student's achievement on the day of testing. If your student were to take the same test again, it is likely that his or her score would be within the standard error of measurement range of 507-543.

Domain Mastery
- Remediate Learning
- Monitor Learning
- Accelerate Learning

Comparison to the School, System, and State
The school, system, and state bar graphs reflect the mean scale score for groups of 15 or more students.

<table>
<thead>
<tr>
<th>Achievement Levels</th>
<th>Student</th>
<th>School</th>
<th>System</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 4: Distinguished Learner</td>
<td>525</td>
<td>508</td>
<td>497</td>
<td>488</td>
</tr>
<tr>
<td>Scale Score Range: 593-785</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level 3: Proficient Learner</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Scale Score Range: 525-592</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level 2: Developing Learner</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scale Score Range: 475-524</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level 1: Beginning Learner</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scale Score Range: 165-474</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Comparison to a National Sample of Students

<table>
<thead>
<tr>
<th>National Percentile</th>
<th>National Percentile Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>83</td>
<td>70-93</td>
</tr>
</tbody>
</table>

Your student's performance can be compared to other students nationally in Science. A subset of items in the End-of-Grade assessment is from TerraNova, a nationally normed achievement test.

A national percentile of 83 means that your student performed as well as or better than 83 percent of the national norming group. If the student were to take the test again, he or she would be expected to obtain a national percentile rank within the National Percentile Range.
Information about this student’s score in this content area is unavailable because there were not enough attempted items to be able to report this student’s score. Please contact your school for more information.

Domain Mastery
- Remediate Learning
- Monitor Learning
- Accelerate Learning

Comparison to the School, System, and State
The school, system, and state bar graphs reflect the mean scale score for groups of 15 or more students.

<table>
<thead>
<tr>
<th>Achievement Levels</th>
<th>Student</th>
<th>School</th>
<th>System</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 4: Distinguished Learner</td>
<td>478</td>
<td>484</td>
<td>464</td>
<td></td>
</tr>
<tr>
<td>Scale Score Range: 572-715</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level 3: Proficient Learner</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Scale Score Range: 525-571</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level 2: Developing Learner</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scale Score Range: 475-524</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level 1: Beginning Learner</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scale Score Range: 240-474</td>
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<td></td>
<td></td>
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</tbody>
</table>

Comparison to a National Sample of Students

<table>
<thead>
<tr>
<th>National Percentile</th>
<th>National Percentile Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNA</td>
<td>Did Not Attempt</td>
</tr>
</tbody>
</table>

Your student’s performance can be compared to other students nationally in Social Studies. A subset of items in the End-of-Grade assessment is from TerraNova, a nationally normed achievement test.