

2015-2016 Georgia Milestone Assessment System End of Course Summary Report

November 9, 2016

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Goal 1, Objective D, Measure 3

- The GMAS EOC is administered in 9th Grade Literature & Composition, American Literature & Composition, Coordinate Algebra, Analytic Geometry, Algebra I, Geometry, Biology, Physical Science, U.S. History, and Economics.
- Serves as the course final exam, and contributes 20% to the student's final grade.
- All SY 2015-16 targets were calculated using the standard accountability formula, which is based on an increase of at least 3% of the difference between the base score and 100%.



Levels of Performance

Mastery of the state curriculum standards as measured by GMAS is described along four levels of performance:

- **Beginning Learners** – do not yet demonstrate proficiency, and need substantial academic support for success at the next level
- **Developing Learners** – demonstrate partial proficiency, but need additional academic support for success at the next level
- **Proficient Learners** – demonstrate proficiency, and are prepared for success at the next level
- **Distinguished Learners** – demonstrate advanced proficiency, and are well-prepared for success at the next level



Key Points: 2015-2016 GMAS EOC

Literature & Composition

- Thirty-three percent (33%) of students performed at the proficient or distinguished level in 9th Grade Literature and Composition, and 28% performed at proficient or above in American Literature and Composition.
- The district improved its proficiency rate and met the SY 2015-16 target in both 9th Grade and American Literature and Composition, with gains of 5 points and 2 points, respectively.
- SCCPSS outperformed the comparison group proficiency rate in 9th Grade Literature and Composition.





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- Islands, New Hampstead, Savannah Arts, Windsor Forest, Woodville-Tompkins, DeRenne, Hubert, Myers, West Chatham, and Oglethorpe met or exceeded their SY 2015-16 targets in at least one ELA subject, with Islands, Savannah Arts, Woodville, DeRenne, Hubert, Myers, and West Chatham achieving double-digit gains.
- The district's median national percentile rank (NPR) was above 50 in both courses. Early College, Islands, Savannah Arts, Woodville-Tompkins, and nearly all middle and K8 sites earned a median NPR at/above the 50th percentile on one or both Literature & Composition tests.





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Mathematics

- Beach, Jenkins, Johnson, New Hampstead, and Woodville-Tompkins each surpassed their SY 2015-16 proficiency target for Analytic Geometry. Woodville achieved double-digit gains.
- The district's median national percentile rank (NPR) was at or above 50 in both Algebra I and Analytic Geometry.
- Beach, Early College, Islands, Johnson, New Hampstead, Savannah Arts, Windsor, Woodville, and all middle and K8 sites offering Algebra I earned a median percentile rank of at least 50 in at least one math subject area.



Science

- Thirty-five percent of students achieved the proficient or distinguished level in Biology, and 24% reached proficiency in Physical Science. The district scored 5 to 6 points higher than its comparison group.
- Physical Science proficiency rate rose by 10 points, exceeding the SY 2015-16 target and representing the district's greatest gain.
- Beach, Groves, Islands, Johnson, New Hampstead, Savannah Arts, Windsor Forest, Woodville-Tompkins, and The STEM Academy at Bartlett met or exceeded their SY 2015-16 targets with Beach, Islands, Johnson, and New Hampstead achieving double-digit gains.

Social Studies

- Economics and U.S. History proficiency rates were similar, at 30% and 32%, respectively. The district performed below its comparison group in Economics.
- High school proficiency rates ranged from under 10% to 77%. The STEM Academy at Bartlett Middle achieved a 100% proficiency rate.
- Groves, Islands, Johnson, New Hampstead, Savannah Arts, and the STEM Academy achieved their SY 2015-16 targets in at least one subject area, with New Hampstead, Savannah Arts, and the STEM Academy achieving gains of over 10 points compared to last year.

Overall

- Across the ELA, science, and social studies subjects, district proficiency rates average at 30%, while math proficiency is approximately 10 points lower, at 20%.
- The percentage of students scoring in the beginning learner level is 30% in ELA, and approximately 40% in math, science, and social studies. Another 40% of students score at the developing level in ELA and math, and just over 30% perform at the developing level in science and social studies.

Overall

- The district performs similarly to its comparison group in ELA, outperforms the comparison group in science, and performs below the comparison group in social studies and math.
- The district did improve its Analytic Geometry proficiency rate by 2 points over the prior year. In addition, the district made gains in both ELA subjects and in one subject each in science and social studies, including a 10 point improvement in Physical Science.

Questions