

Georgia
Milestones
Assessment System

The logo features the text "Georgia Milestones Assessment System" in blue. To the right of the text is a graphic of a black graduation cap and a rolled-up diploma with a red ribbon, set against a grey silhouette of the state of Georgia with a white path leading through it.

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Georgia Milestones



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Georgia's School Superintendent
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- Grades 3 – 8
 - **End of Grade (EOG)** in language arts, mathematics, science, social studies
- High School
 - **End of Course (EOC)** in 9th Grade Literature & Composition, American Literature & Composition, Coordinate Algebra, Analytic Geometry, Physical Science, Biology, U.S. History, and Economics

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Features include:

- inclusion of **constructed-response items** in ELA and mathematics, in addition to selected-response items
- inclusion of a **writing** component (in response to text) at every grade level and course within the ELA assessment;
- inclusion of **norm-referenced items** in every grade and content area to complement the criterion-referenced information and to provide a national comparison; and
- transition to **online administration** over time, with online administration considered the primary mode of administration and paper-pencil back-up until transition is completed.

Addition of technology-enhanced items beginning in 2016-2017.

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Blended: Criterion-Referenced and Norm-Referenced

Georgia Milestones will provide:

- criterion-referenced performance information in the form of four performance levels, depicting students' mastery of state standards
- norm-referenced performance information in the form of national percentiles, depicting how students' achievement compares to peers nationally

Note: To provide norm-referenced information, some norm-referenced items may not align to Georgia's content standards. Only aligned NRT items will contribute to proficiency designations.



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- It is important to remember that Georgia Milestones is primarily a criterion-referenced test, reflecting the content standards for each grade and course
 - teachers should teach the Georgia state-adopted content standards and not the NRT standards

Remember: All important uses of the test results – for both students and educators – will be based on the criterion-referenced scores and proficiency determinations.

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Transition to Online

- Year 1: minimum of 30% online
- Year 3: minimum of 80% online
- Year 5: minimum of 100% online

Paper/pencil versions will be available for the small number of students who cannot interact with computer due to their disability. Braille forms will be available.

A demo of CTB's online platform can be accessed at this link –

<http://learnoas.ctb.com/GA/>

- Click on any one of the demonstration tests
- Click on "Login", no credentials are required
- Click on "Start the test"

Note – the demonstration tests contain generic items from multiple grade levels and are not designed to be reflective of Georgia Milestones content.

2013-2014 EOCT Student Achievement by Administration

Mode: **ELA**



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Course	Mode	Total	Mean Scale Score	Performance Level			
				Does Not Meet Expectations	Meets Expectations	Exceeds Expectations	Meets/Exceeds Expectations
9th Grade Literature & Composition	Online	57,272	441.7	10.9%	44.5%	44.6%	89.1%
	Paper/Pencil	76,579	436.2	14.2%	47.5%	38.3%	85.8%
	Total	133,851	438.6	12.8%	46.2%	41.0%	87.2%
American Literature & Composition	Online	54,773	442.5	7.1%	50.1%	42.8%	92.9%
	Paper/Pencil	59,013	437.6	8.9%	55.0%	36.1%	91.1%
	Total	113,786	440.0	8.0%	52.6%	39.3%	92.0%

2013-2014 EOCT Student Achievement by Administration

Mode: **Mathematics**



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Course	Mode	Total	Mean Scale Score	Performance Level			
				Does Not Meet Expectations	Meets Expectations	Exceeds Expectations	Meets/Exceeds Expectations
Coordinate Algebra	Online	55,292	401.0	52.5%	35.3%	12.2%	47.5%
	Paper/Pencil	84,257	391.0	64.5%	29.1%	6.3%	35.5%
	Total	139,549	395.0	59.7%	31.6%	8.7%	40.3%
Analytic Geometry	Online	48,904	401.2	52.5%	35.6%	11.9%	47.5%
	Paper/Pencil	68,515	390.5	64.9%	29.2%	6.0%	35.1%
	Total	117,419	395.0	59.7%	31.8%	8.5%	40.3%

2013-2014 EOCT Student Achievement by Administration Mode: **Science**



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Course	Mode	Total	Mean Scale Score	Performance Level			
				Does Not Meet Expectations	Meets Expectations	Exceeds Expectations	Meets/Exceeds Expectations
Biology	Online	62,320	436.2	21.1%	39.9%	39.0%	78.9%
	Paper/Pencil	68,553	423.5	29.9%	42.5%	27.7%	70.1%
	Total	130,873	429.6	25.7%	41.2%	33.1%	74.3%
Physical Science	Online	42,162	458.8	13.9%	30.2%	55.9%	86.1%
	Paper/Pencil	42,640	440.9	19.8%	36.4%	43.8%	80.2%
	Total	84,802	449.8	16.9%	33.3%	49.8%	83.1%

2013-2014 EOCT Student Achievement by Administration Mode: **Social Studies**



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Course	Mode	Total	Mean Scale Score	Performance Level			
				Does Not Meet Expectations	Meets Expectations	Exceeds Expectations	Meets/Exceeds Expectations
Economics	Online	68,023	440.4	18.6%	38.8%	42.6%	81.4%
	Paper/Pencil	38,621	433.7	22.9%	40.0%	37.1%	77.1%
	Total	106,644	438.0	20.2%	39.3%	40.6%	79.8%
US History	Online	58,936	438.6	24.9%	32.0%	43.0%	75.1%
	Paper/Pencil	53,332	427.3	31.7%	33.5%	34.8%	68.3%
	Total	112,268	433.2	28.2%	32.7%	39.1%	71.8%

2013-2014 CRCT Retest by Administration Mode: Reading



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Grade	Mode	N	Reading Mean Scale Score	Does Not Meet Expectations	Meets Expectations	Exceeds Expectations	Meets/Exceeds Expectations
3	Online	3,084	794.9	57.0%	42.0%	1.0%	43.0%
	Paper/Pencil	6,252	792.9	60.6%	38.7%	0.7%	39.4%
	Total	9,336	793.6	59.4%	39.8%	0.8%	40.6%
5	Online	2,032	800.2	41.0%	58.7%	0.3%	59.0%
	Paper/Pencil	4,235	797.8	46.6%	52.9%	0.5%	53.4%
	Total	6,267	798.6	44.8%	54.8%	0.4%	55.2%
8	Online	1,076	799.6	51.2%	47.1%	1.7%	48.8%
	Paper/Pencil	2,586	793.4	63.1%	36.0%	0.9%	36.9%
	Total	3,662	795.3	59.6%	39.3%	1.1%	40.4%

2013-2014 CRCT Retest Results by Administration Mode: Math



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Grade	Mode	N	Math Mean Scale Score	Does Not Meet Expectations	Meets Expectations	Exceeds Expectations	Meets/Exceeds Expectations
5	Online	4,893	800.2	44.5%	53.4%	2.1%	55.5%
	Paper/Pencil	9,676	793.8	56.2%	42.7%	1.0%	43.8%
	Total	14,569	795.9	52.3%	46.3%	1.4%	47.7%
8	Online	7,242	796.1	57.4%	42.3%	0.3%	42.6%
	Paper/Pencil	14,535	790.0	70.4%	29.6%	0.1%	29.6%
	Total	21,777	792.0	66.1%	33.8%	0.2%	33.9%

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General Test Parameters

- ELA will consist of 3 sections, 1 of which will focus mainly on writing
- Mathematics will consist of 2 sections
- Science will consist of 2 sections
- Social Studies will consist of 2 sections

Administration Times



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Content Area/Course	Test Section(s)	Minimum Time Per Section(s)	Maximum Time Per Section(s)
English Language Arts	1 and 2	60	70
English Language Arts	3	70	90
Mathematics	1 and 2	60	80
Science	1 and 2	50	70
Social Studies	1 and 2	50	70

A section may not be stopped until the minimum allotment of time has expired. If students are still productively engaged with the test content, the maximum amount of time, per section, may be given in 10 minute increments.

Note: These time limits do not apply to those students who have the accommodation of extended time.

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Writing at Every Grade

- All students will encounter an extended constructed-response item allowing for narrative prose, in response to text, within first or second section of the test (contributes to the writing score).
- Within section three, students will read a pair of passages and complete a series of items prior to writing their essay:
 - 3 selected-response items asking about the salient features of each passage and comparing/contrasting between the two passages (contributes to reading score)
 - 1 constructed-response item requiring linking the two passages (contributes to the reading score)
 - 1 writing prompt (allowing for an extended writing response) in which students must cite evidence to support their conclusions, claims, etc. (contributes to the writing score)

Warning: Students who simply rewrite excerpts from the passage(s) to illustrate their point(s) will not receive favorable scores.

Genres

Writing prompts will be **informative/explanatory** or **opinion/argumentative** depending on the grade level. Students could encounter either genre.

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General Test Parameters: Mathematics

Criterion-Referenced

Total Number of Items: 53 / Total Number of Points: 58

Breakdown by Item Type:

- 50 Selected Response (worth 1 point each; 10 of which are aligned NRT)
- 2 Constructed Response (worth 2 points each)
- 1 Constructed Response (worth 4 points)

Norm-Referenced

- Total Number of Items: 20 (10 of which contribute to CR score)

Embedded Field Test

- Total field test items: 10

Total number of items taken by
each student: 73

Georgia Milestones Calculator Policy



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Content Area	Grade Level/Course	Type of Calculator
Mathematics	Grades 3 – 5 EOG	Not Allowed
	Grade 6 EOG	Basic ¹
	Grades 7 – 8 EOG	Scientific ² or Basic ¹
	Coordinate Algebra EOC	Graphing ³ or Scientific ²
	Analytic Geometry EOC	Graphing ³ or Scientific ²
Science	Physical Science EOC	Scientific ² or Basic ¹
Social Studies	Economics EOC	Scientific ² or Basic ¹

¹Basic four-function calculator with square root and percentage functions.

²Scientific calculator with functionalities consistent with TI-30XS MV or similar models.

³Graphing calculator with functionalities consistent with TI-84 Plus SE or similar models.

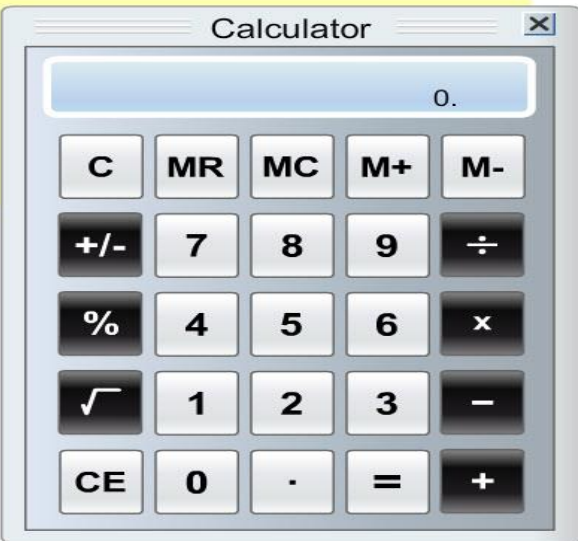
Calculators are not permitted on certain designated sections of each mathematics test.

Online BASIC Calculator



Stem text.

- A Answer Choice A
- B Answer Choice B
- C Answer Choice C
- D Answer Choice D

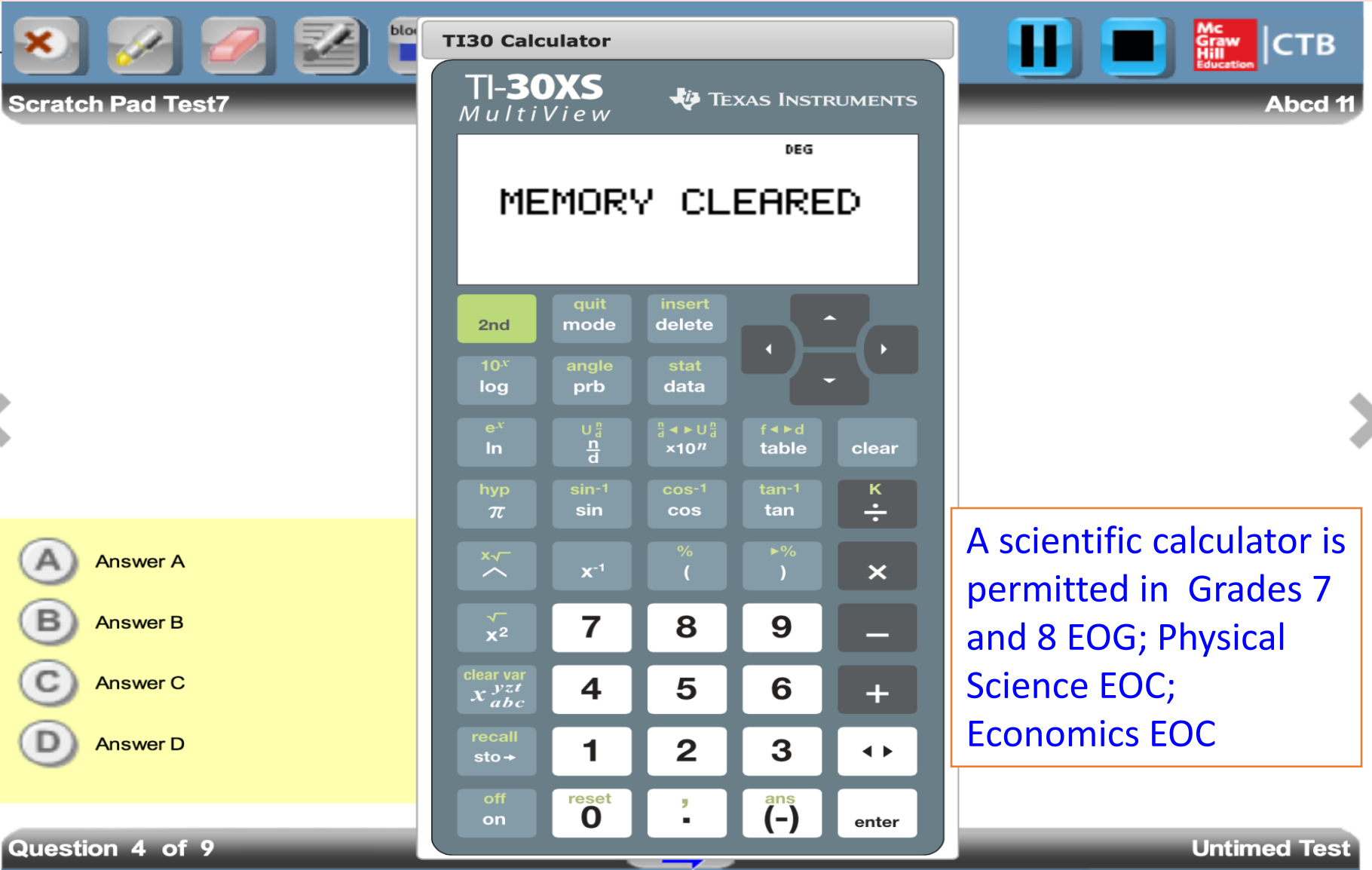


This is a BASIC calculator!

A basic calculator is permitted in Grade 6

Online Scientific Calculator: TI-30XS MV a DOE

Richard Woods,



The screenshot shows a web-based interface for a TI-30XS MultiView calculator. The calculator's display shows "MEMORY CLEARED" in a pixelated font. The interface includes a top navigation bar with a "Scratch Pad Test7" label, a "TI30 Calculator" title, and a "CTB" logo. The calculator keypad features various scientific functions such as 10^x , e^x , \ln , \sin^{-1} , \cos^{-1} , \tan^{-1} , and x^y . The calculator is set to "DEG" mode. The interface also includes a "Mc Graw Hill Education" logo and a "CTB" logo. The bottom of the screen shows "Question 4 of 9" and "Untimed Test".

Scratch Pad Test7

TI30 Calculator

TI-30XS
MultiView

TEXAS INSTRUMENTS

DEG

MEMORY CLEARED



Abcd 11

- Answer A
- Answer B
- Answer C
- Answer D

A scientific calculator is permitted in Grades 7 and 8 EOG; Physical Science EOC; Economics EOC

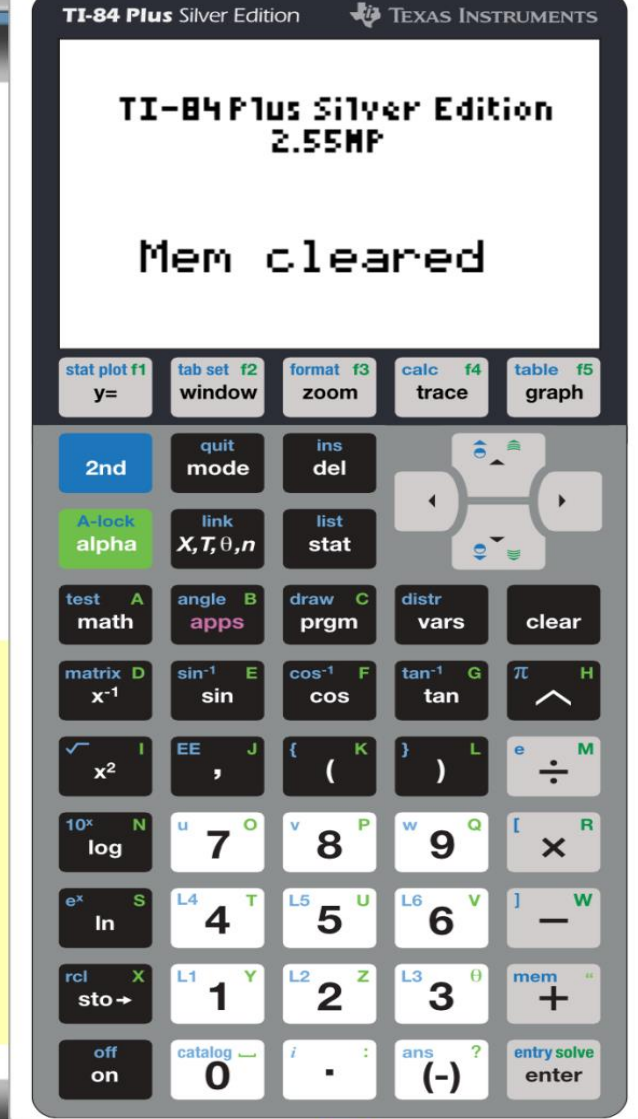
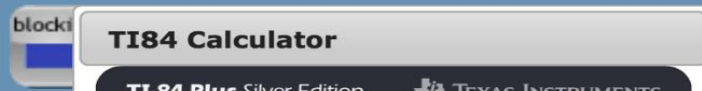
Question 4 of 9

Untimed Test

Online Graphing Calculator: TI-84



Scratch Pad Test7



Abcd 11

- A Answer A
- B Answer B
- C Answer C
- D Answer D

A graphing calculator is permitted in Coordinate Algebra and Analytic Geometry EOC

Calculator Policy



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- For the 2014-2015 school year, students who test online may use a hand-held calculator, in addition to the calculator provided online.
- It is imperative that only approved calculators be allowed into the testing environment and that, for those approved calculators that store text, the memory is cleared both BEFORE and AFTER testing.
 - Failure to clear memory both BEFORE and AFTER will result in an automatic invalidation.

See pages 31-33 of the Student Assessment Handbook.

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General Test Parameters: Science

Criterion-Referenced

Total Number of Items: 55 / Total Number of Points: 55

Breakdown by Item Type:

- 55 Selected Response (worth 1 point each; approximately 10 of which are aligned NRT)

Norm-Referenced

- Total Number of Items: 20 (approximately 10 of which contribute to CR score)

Embedded Field Test

- Total field test items: 10

Total number of items taken by
each student: 75

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General Test Parameters: Social Studies

Criterion-Referenced

Total Number of Items: 55 / Total Number of Points: 55

Breakdown by Item Type:

- 55 Selected Response (worth 1 point each; approximately 10 of which are aligned NRT)

Norm-Referenced

- Total Number of Items: 20 (approximately 10 of which contribute to CR score)

Embedded Field Test

- Total field test items: 10

Total number of items taken by
each student: 75



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Scratch Paper

End of Grade

Blank scratch paper (including notebook paper) should be provided to students taking the following EOGs *regardless of administration mode*:

- ELA: **Section 3 only**
- Mathematics

End of Course

Blank scratch paper (including notebook paper) should be provided to students taking the following EOCs *regardless of administration mode*:

- Ninth Grade Literature: **Section 3 only**
- American Literature: **Section 3 only**
- Coordinate Algebra*
- Analytic Geometry*
- Physical Science
- Economics

* $\frac{1}{4}$ " graphing paper may be provided only in the indicated courses.

Transition to Georgia Milestones: Resources Available **NOW**



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- Content standards
 - frameworks, formative lessons, PARCC evidence statements
- Sample items
 - formative items/benchmarks via Georgia OAS→GOFAR;
 - released items via PARCC, SBAC, other states (KY, NY), NAEP
 - parent's guide to Georgia's new assessment developed by the National PTA
[\[http://www.pta.org/advocacy/content.cfm?ItemNumber=3816\]](http://www.pta.org/advocacy/content.cfm?ItemNumber=3816)
- Georgia Milestones Test Blueprints/Content Weights
- **Georgia Milestones EOG & EOC Assessment Guides**
- Experience Online Testing Georgia website
- Georgia Milestones Technology Specifications
- Georgia Milestones Calculator Policy
- Allowable Accommodations
- Eliciting Evidence of Student Learning Modules

NOTE: The content weights communicate the REPORTING CATEGORIES and the number of associated points. **These are not instructional documents** and should not be used to inform instructional time. To do so could place students at a significant disadvantage as the knowledge and skills are not discrete and not bounded by a single domain.

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Georgia Milestones represents a significant change and importantly – *an opportunity* – for our state.

This opportunity allows us to *recalibrate*, as a state, and *refocus* on **teaching and learning** as a primary emphasis with assessment and accountability serving a *supporting* role.

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