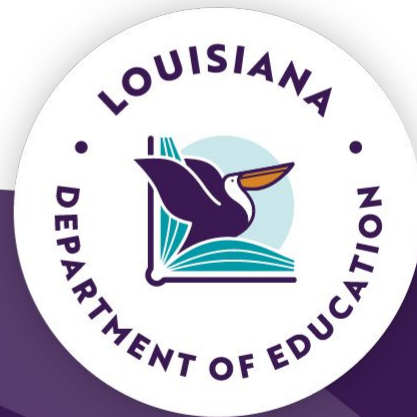


English Language Arts (ELA) and Mathematics Content Standards Review Committee

Claiborne Building | Thomas Jefferson 1-136 | 1201 North Third Street, Baton Rouge, LA

Steering Committee Meeting 4



May 23, 2025

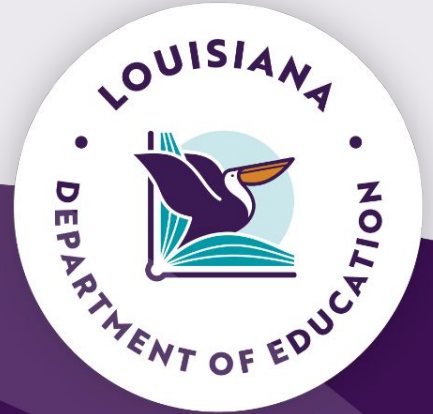
Agenda

- Opening
 - Call to Order
 - Roll Call
- Approval of the minutes of the meeting held May 6, 2025
- Informational Reports:
 - Revisions to ELA content standards regarding language standards
 - Revisions to math content standards regarding the numbers and operations in base ten, number system, and expressions and equations domains, and Algebra II standards
- Small Group Session: ELA and math content standards grade band work groups
- Summary Report: Update from the ELA and math grade band work groups
- Facilitator Report: Next Steps



Opening

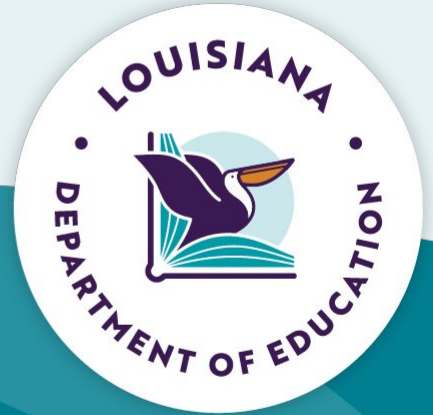
- Call to Order
- Roll Call



Approval of the minutes of the meeting held May 6, 2025



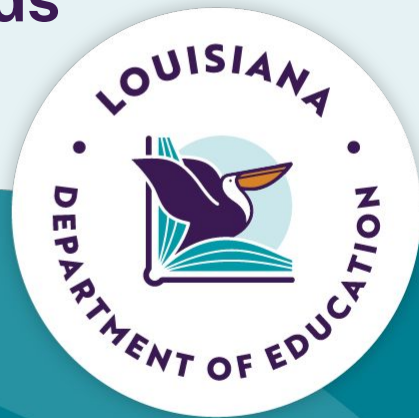
Informational Report: Revisions to ELA content standards regarding language standards



ELA Informational Report from May 6 Meeting

<p>Grades 9-10</p> <p>Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.</p> <ol style="list-style-type: none">Use a semicolon (and perhaps a conjunctive adverb) to link two or more closely related independent clauses.Use a colon to introduce a list or quotation.Spell correctly.	<p>Grades 9-10</p> <p>Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.</p> <ol style="list-style-type: none">Use a semicolon with or without a conjunctive adverb to link two or more closely related independent clauses.Use a colon to introduce a list, quotation, example, or elaboration.Spell correctly, consulting references as needed.	<p>ACT Standard Alignment</p> <p>PUN 702. Use a colon to introduce an example or an elaboration</p>
<p>Grades 11-12</p> <p>Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.</p> <ol style="list-style-type: none">Observe hyphenation conventions.Spell correctly.	<p>Grades 11-12</p> <p>Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.</p> <ol style="list-style-type: none">Observe hyphenation conventions.Spell correctly, consulting references as needed.	

Informational Report: Revisions to math content standards regarding the numbers and operations in base ten, number system, and expressions and equations domains, and Algebra II standards



Math Informational Report from May 6 Meeting

Grades K-5 discussed:

- editing language in grades K-2 to clarify ranges of fluency (i.e., up to 99, up to 1,000, etc...) and build consistency across grade levels;
- updating language from “**the** standard algorithm” to “**a** standard algorithm” to ensure understanding of the procedural skill method, with an emphasis on the expected mastery timeline of any standard algorithm;
- including intentional standards regarding place value understanding in grade 3 to emphasize numeracy and bridge an identified gap from grade 2 to grade 4; and
- adding more explicit examples across grades K-5 standards guidance to support teachers.

Today, the committee will review the Measurement and Data and Geometry Standards for Grades K-5.



Math Informational Report from May 6 Meeting

Current	Proposed
3.NBT.A.1: Use place value understanding to round whole numbers to the nearest 10 or 100.	3.NBT.A.1 3.NOF.C.5 : Use place value understanding to: <u>a. Round whole numbers to the nearest 10 or 100.</u> <u>b. Use compatible numbers to estimate solutions to real-world mathematical tasks.</u>

Math Informational Report from May 6 Meeting

Grades 6-8:

- The work group reviewed four standards from the Algebraic Reasoning conceptual category that were identified in Meeting 2 and finalized proposed revisions. In addition, updates were made to the Algebraic Reasoning conceptual category to include statements to address inequalities.
- The work group reviewed proposed revisions to the Number System domain, which included improvements to the clarity of language in both the standards and examples. Adjustments were made to refine the guidance documents, clarify examples within the standards, and improve formatting.

Today, the work group will revisit a grade 8 standard in the Number System domain and examine the proposed revisions in the Statistics and Probability domain.



Math Informational Report from May 6 Meeting

Current	Proposed	Type of Edit
6.NS.B: Compute fluently with multi-digit numbers and find common factors and multiples.		
6.NS.B.2: Fluently divide multi-digit numbers using the standard algorithm.	6. NOF.B.2: Fluently divide <u>positive</u> multi-digit <u>whole</u> numbers using the standard algorithm.	Language added for clarity and grade specificity.

Math Informational Report from May 6 Meeting

High School:

- Proposed changes to the Algebra II course standards were refined. Adjustments were made to clarify language throughout the standards including adjustments to formatting, addition, or removal of some examples and word choice.
- Removed Standard A1:F-IF.A.3 from Algebra I and placed in Algebra II as it is essential content for standards in the IF series in Algebra II.
- Held a content discussion for the identified fourth-course options.

Math Informational Report from May 6 Meeting

Current	Proposed	Type of Edit
A2: S-ID.A.4 Use the mean and standard deviation of a data set to fit it to a normal distribution and to estimate population percentages. Recognize that there are data sets for which such a procedure is not appropriate. Use calculators, spreadsheets, and tables to estimate areas under the normal curve.	A2: S-ID.A.4 Use the mean and standard deviation of a data set to fit it to a normal distribution and to estimate population percentages <u>with technology</u> . a. Recognize that there are data sets for which such a procedure is not appropriate. b. Use calculators, spreadsheets, and tables to estimate areas under the normal curve.	Specific tech was removed. Content was removed from A2.

Math Informational Report from May 6 Meeting

Potential Course Topics

Math Essentials	<ul style="list-style-type: none">● Applied study of all functions supported by the use of technology
Algebra III	<ul style="list-style-type: none">● Analysis of families of functions including linear, quadratics, exponentials, logarithms, polynomials, rational and radical functions● Introductory study of conics● Sequences and series● Trigonometry including the study of trig functions● Introduction to matrices including operations, determinants and using matrices to solve systems

Math Informational Report from May 6 Meeting

Potential Course Topics

Advanced Math-Precalculus

- In-depth analysis of families of functions including linear, quadratics, exponentials, logarithms, polynomials, rational, radical, and trig functions
- In-depth study of trigonometry including functions, cofunctions, inverse functions, polar coordinates, vectors, and identities
- Sequences and series
- Extension topics could include limits and introductory calculus topics

Math Informational Report from May 6 Meeting

Potential Course Topics

Advanced Math - Functions and Stat	<ul style="list-style-type: none">● In-depth analysis of families of functions including linear, quadratics, exponentials, logarithms, polynomials, rational, radical, and trig functions● Study of statistics including data, data displays, experiments, measures of tendency, dispersion, distribution, correlation, regressions, data interpretations, inferences, sampling, and probability
Statistics and Probability	<ul style="list-style-type: none">● In-depth study of statistics including one and two variable data, data displays, experiments, measures of tendency, dispersion, distribution, correlation, regressions, data interpretations, inferences, sampling, and probability

Math Informational Report

Status of Standards After May 6, Meeting

✓ = Standards have been endorsed

Grade Band	April 2	April 16	May 6
K-5	✓ Counting and Cardinality ✓ Number and Operations ✓ Fractions	✓ Operations and Algebraic Thinking	Numbers and Operations in Base Ten - Reviewed
6-8	✓ Ratios and Proportional Relationships ✓ Functions	Expressions and Equations - Reviewed	The Number System - Will Revisit
9-12	✓ Algebra I	✓ Geometry	Algebra II - Reviewed

Small Group Session: ELA and math content standards grade band work groups



Content Work Group Locations

ELA Working Group Locations		Math Working Group Locations	
ELA K-5	Thomas Jefferson 1-136	Math K-5	Iowa 1-153
ELA 6-12	Thomas Jefferson 1-136	Math 6-8	Marbois 1-137
		Math 9-12	Colorado 1-141

- Content Work Groups will meet from 9:45 a.m. - 2 p.m.
 - 30 minute break for lunch
 - Math K-5 11:30 a.m.
 - ELA K-12 11:45 a.m.
 - Math 6-12 12:00 p.m.
- Steering Committee will reconvene in Thomas Jefferson at 2:15 p.m.



Summary Report: Update from the ELA and math grade band work groups



Facilitator Report: Next Steps



Scope of Meetings: ELA

Grade Band	April 2	April 16	May 6	May 23	June 4	June 27
K-5	Foundational Skills	Speaking and Listening	Language	Writing	Reading Strands for Literature & Reading Strands for Informational Texts	<ul style="list-style-type: none">• Appendix• Final Review
6-12						

Scope of Meetings: Math

Grade Band	April 2	April 16	May 6	May 23	June 4	June 27
K-5	<ul style="list-style-type: none"> Counting and Cardinality Number and Operations Fractions 	<ul style="list-style-type: none"> Operations and Algebraic Thinking 	<ul style="list-style-type: none"> Numbers and Operations in Base Ten 	<ul style="list-style-type: none"> Measurement and Data 	<ul style="list-style-type: none"> Geometry 	<ul style="list-style-type: none"> Glossary Math Practice Standards Final Review
6-8	<ul style="list-style-type: none"> Ratios and Proportional Relationships Functions 	<ul style="list-style-type: none"> Expressions and Equations 	<ul style="list-style-type: none"> The Number System 	<ul style="list-style-type: none"> Statistics and Probability 	<ul style="list-style-type: none"> Geometry 	
9-12	<ul style="list-style-type: none"> Algebra I Fourth Course Identification 	<ul style="list-style-type: none"> Geometry Fourth Course Description Review 	<ul style="list-style-type: none"> Algebra II Fourth Course Standard work 	<ul style="list-style-type: none"> Fourth Course Standard Work 	<ul style="list-style-type: none"> Fourth Course Standard Work 	

Upcoming Meetings

Meetings are scheduled to convene in the Claiborne Building in Baton Rouge from 9 a.m. until 3 p.m. on the following dates:

Schedule	Date
Meeting 5	June 4, 2025
Meeting 6	June 27, 2025
<i>Meeting 7 (Tentative)</i>	<i>July 9, 2025</i>
<i>Meeting 8 (Tentative)</i>	<i>July 30, 2025</i>

