

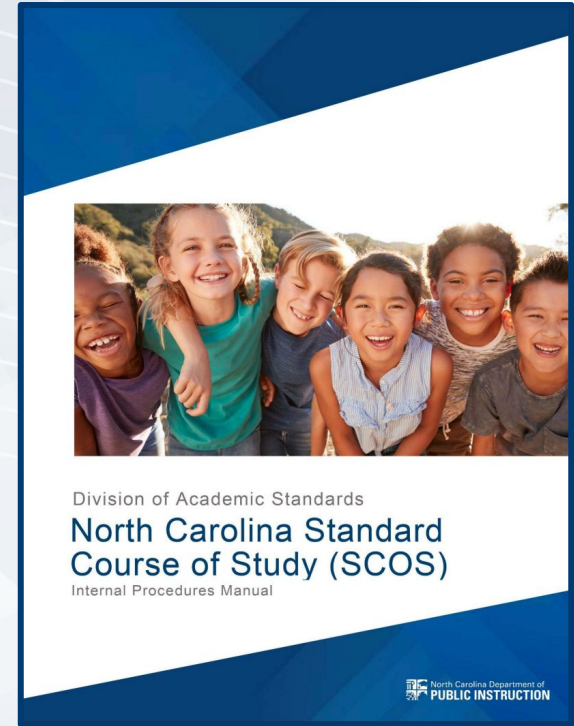
NC EMPT Advisory Board NCDPI K-12 Math Updates

Math Standards Review

Guiding Document

Procedures Manual

- Guide for **Standards Revision** adopted by the SBE February 2022 and revised April 2023.
- Provides a definitive explanation of the **process to be followed** when developing or revising a section of the NCSCOS



<https://www.dpi.nc.gov/ncscos-manual-april-2023pdf/open>

K-12 Math Standards Timeline

Review

Phase 1 (May 2024 – April 2025)

- Gather research from other states, and organizations.
- Conduct interviews and focus groups across the state.
- Seek input on math standards through surveys with all stakeholders.
- Establish a math Data Review Committee to complete an analysis of student outcomes in math, results from surveys and interviews/focus groups.

Revision

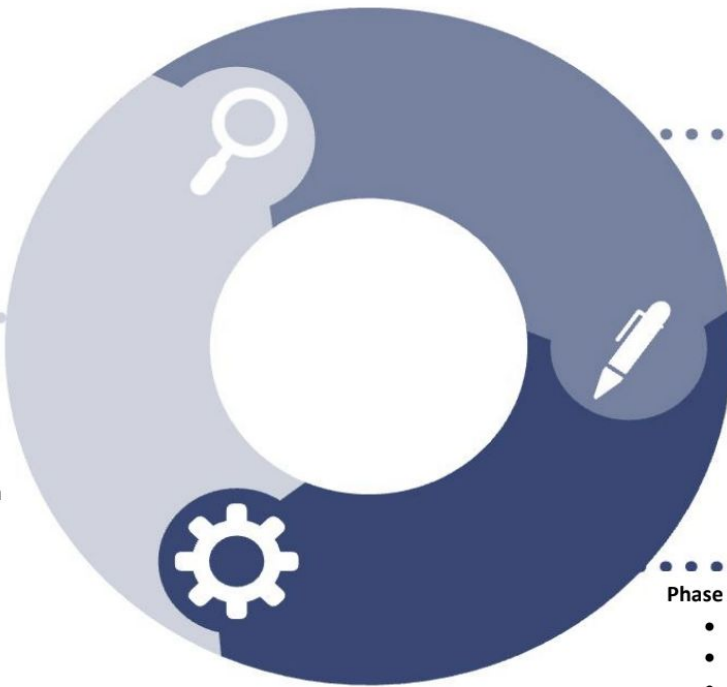
Phase 2 (April 2025 – June 2026)

- Establish writing team to edit/revise standards based on analysis provided by the Data Review Committee.
- Submit multiple drafts for review by stakeholders.
- Submit for SBE approval.

Implementation

Phase 3: 5-7 Years

- 2026-2027: Installation
- 2027-2028: Initial Implementation
- 2028-2031: Full Implementation



Overview of Timeline/Next Steps

- **Revision Phase (2025-2026 school year)**
 - Create Standards Writing Team (SWT)
 - Publish Draft 1 via PSU and All Stakeholder Standard-by-Standard surveys
 - Available for at least 30 calendar days
 - DRC analyzes results and sends recommendations to SWT
 - Publish Draft 2 via PSU and All Stakeholder surveys(overall **not** Standard-by-Standard)
 - Available for at least 30 calendar days
 - DRC analyzes results and sends recommendations to SWT
 - Submit Draft 3 to SBE May/June of 2026

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Overview of Timeline/Next Steps

- **Review Phase (2024-2025)**
 - Interviews
 - focus groups (Completed)
 - Surveys (Sept. 16 - Oct. 21)
 - PSU Standard-by-Standard
 - All Stakeholders Standard-by-Standard
 - General All Stakeholders
 - Create Data Review Committee (DRC)
 - Submit report to State Board in April/May 2025

Survey Links/QR Codes

General All-Stakeholder Survey

- 10 Questions about the math standards as a whole.
- Likert scale responses with 2 open ended

https://ncdpi.az1.qualtrics.com/jfe/form/SV_etc7suF4o003lnY



Standard-by-Standard Survey

- Detailed responses by each standard within each grade/course
- Participant choose which grade/course to do (from just 1 to all options)

https://ncdpi.az1.qualtrics.com/jfe/form/SV_beo5ECtfKQh8klu



Overview of Timeline/Next Steps

- **Installation (2026-2027 school year)**
 - Continue with current math standards for instruction and assessment
 - Share revised standards, crosswalks
 - Develop new support documents
 - Conduct professional development to share information related to the revised standards, support documents
 - Accountability/Testing begins work on any changes
- **Implementation (2027-2028 school year)**
 - Implement revised standards in classroom instruction
 - Begin using new assessments
 - Continue professional development

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Key Features about the Review/Revision Process

- North Carolina is unique in the country in that our state standards (and assessments) are written and developed by educators from schools and districts across the state.
- NCDPI staff are responsible for facilitating the process, ensuring all laws and SBE policies are followed, and to serve and support the educators who review and revise the standards.
- All K-12 Math standards will be reviewed/revised during this cycle.

Launch Years

Launch Years Initiative/Math Pathways

- Task Force has established a set of 7 recommendations that have been approved by UNC-System, NCDPI, and NCCCS leadership.
- Met on Sept. 20th to begin building language and framing around the 7 recommendations
 - Modeling after UNC Math Pathways report and Hunt Institute style reports
- Prior to Hurricane Helene, plan was to finalize and present in December.
 - Timeline adjusting due to several task force members living and working in impacted areas.



PRISM Grant

PRISM Grant

Joint EIR grant between NCDPI, Carnegie Learning, and WestEd

- Seek to engage up to 300 **4th grade** Math teachers across 100 schools in a unique, ongoing professional learning experience
- Goals:
 - Increase teacher efficacy and effectiveness by through individualized support in math content and pedagogy
 - Increases in student growth and math proficiency
 - Develop teacher professional learning networks

PRISM - Phases



Phase 1 - Beta Testing

Summer 2024

5-10 teachers and administrator

Basic beta testing

Taking names/contacts of interested LEAs



Phase 2 - Implementation Study

Fall 2024 - Spring 2025

20-30 teachers

Full use and support of the Patterns Platform



Phase 3 - Research Study

Fall 2025 - Spring 2028

100 schools with up to 300 teacher

2 cohorts.

'25-'26: Cohort 1 receives PD

'26-'27: Study results. Refine.

'27-'28: Cohort 2 receives PD

