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Teaching and Learning

North Carolina Department of Public Instruction



December 2025

K-12 Mathematics



Happy Holidays!

Wishing everyone a peaceful and joyous season!

NCDPI Mathematics Team

We encourage those of you who receive the Math updates to please share this issue with others who are not currently subscribed to our listserv and invite them to subscribe to the NCDPI K-12 Mathematics Newsletter on the [NCDPI Subscriptions webpage](#).

In This Edition:

- NCDPI Standards Revision Update:
 - K-12 Mathematics
 - ELA Standards Update Webinar Series
- Professional Learning Opportunities:
 - NCDPI K-12 Math Content Series
 - NCDPI North Carolina Mathematics Coaching Network (NCMCN)
- Applications:
 - STEM Reviewer for NC STEM Schools of Distinction Recognition Program
 - NC State Department of STEM Education Graduate Program
- Resources: NC K-12 Math Standards Resource Hub
- In Case You Missed It: NCDPI K-12 Mathematics Virtual Office Hours

NCDPI Standards Updates



K-12 Mathematics Standards

Draft 1 Stakeholder Review and Feedback

The NCDPI K-12 Mathematics team is excited to announce the release of the first draft of proposed revisions to the K-12 Math Standard Course of Study. North Carolina State Board of Education policy specifies that the NC Department of Public Instruction will formally collect feedback on the proposed draft standards from

educators, administrators, parents, students, institutions of higher education, business/industry representatives, national organizations, and other education agencies.

The purpose of this survey is to obtain input from all stakeholders regarding the proposed K-12 Math Standards to help inform any additional revisions, which may include changes, clarifications, additions, deletions, or replacements to the draft standards.

This process began with a review phase, which was conducted throughout the 2024-2025 school year. The review phase included gathering relevant research and analyzing data obtained through surveys, interviews, and focus groups. The data obtained was analyzed by the K-12 Math Standards Data Review Committee (DRC). The [DRC completed a formal report](#) summarizing the data, trends within the feedback, and any resulting recommendations. The report was provided to the Standards Writing Team as the basis for starting the revision process.

This first draft of the proposed 2023 K-12 Math Standards is based on the analysis in the DRC Report. The K-12 Math team requests your thoughtful input and comments on Draft 1 of the proposed K-12 Math academic standards. To help in reviewing the draft standards, the K-12 Math team is sharing several resources to provide additional background information. These include:

- A [video introduction](#) providing an overview of the standards revision process and recommendations addressed in Draft 1.
- [A written script of the video](#)
- [A Frequently Asked Questions document](#)
- [The AP Precalculus framework](#) and [AP Recommended levels of Understanding](#)
- The recommended realignment of the current [NC Math 3](#) and [NC Math 4](#) standards
- Vertical progression of standards by grade span: [K-5](#), [6th-8th](#), and [NC Math 1 & 2](#)

Please feel free to choose which grades and courses you'd like to provide feedback on. You can choose as many grades and courses as you would like.

Please submit your responses by 5:00pm EST on *Monday, December 17th, 2025.

Thank you! Your feedback is extremely valuable to the K-12 Math Standards revision process.

*******Draft 1 K-12 Math Standards Stakeholder Survey*******

* Note: Deadline Date for feedback has been extended!

ELA Standards Update Webinar Series

Mark your calendars for the 2025-2026 school year [ELA Standards Update Webinars!](#)

Join the NCDPI ELA Team throughout the 25-26 academic year to learn more about the proposed English Language Arts Standard Course of Study.

Webinars will allow participants to:

- Gain a greater understanding of the proposed standards
- Explore proposed revisions to the 2017 SCOS
- Dive deeper into the proposed SCOS organization and structure
- Receive updates on the installation timeline and supporting resources

Upcoming Webinars

Register today for the remaining hour-long learning opportunities, and consider sharing [the flyer](#) with colleagues who would be interested in joining!

- **February 5, 2026** | 3:45 - 4:45 | [Webinar Registration](#)
- **June 11, 2026** | 3:45 - 4:45 | [Webinar Registration](#)

Previous Webinars

View recordings of previous webinars to catch up on information you may have missed or share the recordings with colleagues to keep them in the loop! Recordings to previous webinars are available in the [ELA Virtual Implementation Kit \(VIK\)](#) on the Professional Learning Page under [On-Demand Resources](#).

- Standards Update #1: [Webinar Recording](#) | [Webinar Slides](#)

Professional Learning Opportunities

NCDPI

K-12 Mathematics Content Series

The NCDPI K-12 Mathematics Content Series is wrapping up for the 2025 Fall Season and will continue into the 2026 school year. Teachers, teacher leaders, coaches, district staff, and administrators have responded with overwhelmingly positive feedback. Sessions are focused on mathematics content and pedagogy while highlighting practitioners in the field. Participants earn 2 contact hours per session. Each session meets virtually for 90 minutes with a 30-minute asynchronous reflection time. The information and resources shared are both beneficial and useful.

All sessions are FREE!

NCDPI K-12 Mathematics Content Series		
Fall 2025		
Elementary	Middle School	High School
4:00 – 5:30 pm	4:00 – 5:30 pm	3:30 – 5:00 pm
December 11, 2025 Making Meaning with Fractions: Supporting Conceptual Growth Through Models	December 17, 2025 Discourse Move: Assessing / Probing a Student's Thinking	December 9, 2025 Data Science in the Mathematics Classroom
Spring 2026		
January 8, 2026 Flourishing through Rigor: Enacting High-Demand Tasks	January 28, 2026 Discourse Move: Advancing / Pressing a Student's Thinking	No Session Scheduled
More Spring 2026 Session Information Coming Soon!		

ES [Register here](#)
 Contact: Jennifer Parker
jennifer.parker@dpi.nc.gov

MS [Register here](#)
 Contact: Tammy Lackey
tammy.lackey@dpi.nc.gov

HS [Register here](#)
 Contact: Lisa Ashe
lisa.ashe@dpi.nc.gov

or

Joseph Reaper
joseph.reaper@dpi.nc.gov

Flyer

Don't miss this opportunity and please share with teachers and leaders in your area!

We look forward to seeing you there!

NCDPI North Carolina Mathematics Coaching Network

Research has shown that effective mathematics coaching supports the continuous development of mathematics teachers and impacts student learning. With this in mind, the NCMCN is being formed as a state wide professional learning community for coaches who support math teachers in grades K-12.

As a coach of mathematics teachers, you can participate in the NCMCN through **four free open sessions** throughout the year. Everyone is invited to attend according to your schedule. Sessions will be led by the NCDPI math team and university partners.

Schedule:

- Thursday, February 26, 2026 from 1:00-3:00 pm
- Thursday, April 23, 2026 from 1:00-3:00 pm

Open Coaching Session Registration: <https://go.ncdpi.gov/NCMCN2526OC>

For more information, please contact Joseph Reaper, NCDPI 6-12 Consultant - joseph.reaper@dpi.nc.gov

Applications



Calling All STEM Reviewers! Your Support is Greatly Appreciated

The 2025-2026 North Carolina STEM Schools of Distinction Recognition Program is underway. With over **40** schools across the state having communicated their Intent to be recognized as a leading STEM program in North Carolina, we are asking for STEM educational leaders, who have familiarity with the STEM Schools of Distinction process, to assist with the Peer Review of this year's applications.

Individuals presently leading within a NC recognized STEM school, or any individuals who have served as past SSoD reviewers, are asked to provide updated contact information by completing this [Reviewer Application](#) by **December 20th**.

All reviewers participate in an online training module prior to assignment. More information on this training will be available soon. This year's application submissions will be shared mid-January and reviewers will have two weeks to complete their individual review and share feedback. The number of reviewers assigned will be dependent upon the final number of schools submitting applications.

Thank you for continuing to support high-quality STEM education in North Carolina!

STEM Reviewer Application

Apply Today!

Application Deadline: December 20, 2025



NC State College of Education

Take the Next Step in Your Career

with NC State's Department of STEM Education

Ready to take your knowledge and experience in STEM education to another level? Take the next step in your career through our innovative graduate programs in NC State's Department of STEM Education. We prepare experienced educators to become scholars and leaders in STEM education who impact research and practices. Alumni of our graduate programs go on to become leaders, faculty members, researchers, educators, and policymakers in their schools and districts, at universities and community colleges, in industry, and at state and federal agencies. Explore your options at ced.ncsu.edu/stem-ed/grad-options/.

Priority Deadline for Doctoral applications: December 1, 2025

Final Deadline for Doctoral applications: April 15, 2026

Deadlines for Master's applications: December 1, 2025, April 15 & July 15, 2026

Apply Now!

Flyer

Resources

NC K-12 Math Standards Resource Hub

The NCDPI K-12 Mathematics team has created a repository to provide a variety of resources for supporting school leaders, administrators, educators, and parents/caregivers. [The NC K-12 Math Standards Resource Hub](#) houses the standards, communications, and recommended resources related to the implementation of the North Carolina K-12 Math Standard Course of Study (NCSCOS).

The hub includes:

- K-12 standards and unpacking documents
- Previous PD presentations, recordings, and resources
- At Home Resource Guides for parent/guardians
- Math Options Chart aligned to post graduation plans
- STEM Content Integration

Math educators are encouraged to browse, reference, download, share, discuss, and adapt resources.



[Browse the Math Resource Hub](#)

ICYMI - IN CASE YOU MISSED IT



NCDPI K-12 Mathematics Virtual Office Hours

On Tuesday, November 18, 2025, the NCDPI K-12 Mathematics team, with special guest, our PRISM Grant representative, held an office hour for NC Math school and district leaders. This office hour featured information,

opportunities, and resources from all groups as well as updates from NCDPI Mathematics team. Click [here](#) for the agenda, presentation, and recording.

**Sign up for K-12 Mathematics
Updates**

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