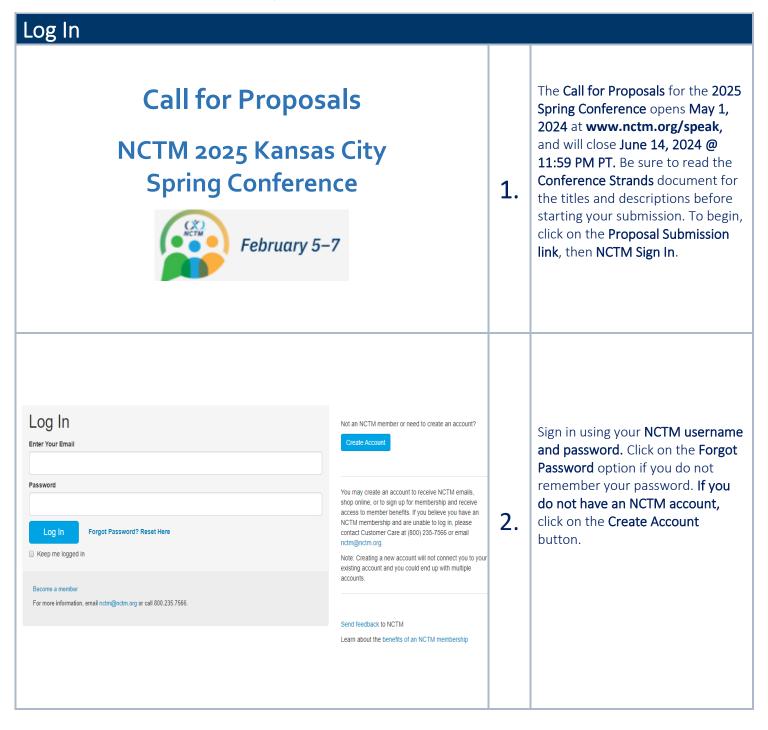
## NCTM 2025 Spring Conference FEBRUARY 5 – 7, 2025 Kansas City, Missouri Proposal Submission Instructions





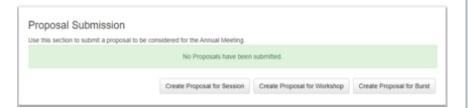
Once you are logged in you will be asked to confirm your contact information. Fill in any missing information, matching your NCTM account information.

Please remember to include your affiliation, city and state. Aslo we ask you to ensure all of your information is up-to-date.

3. Note: Your profile information should match in both NCTM and in the conference database. You can update your profile information but it must match your NCTM account.

To find your event profile, log-in and click on the word **Dashboard** in the upper left corner.

## **Choose Your Presentation Format**



Select your desired presentation format. See presentation types and descriptions below.

4.

You may submit more than one proposal.

	Burst	Session	Workshop
Time	<b>30-minute</b> Presentation	<b>60-minute</b> Presentation	<b>75-minute</b> Presentation
Pupose	Allows speakers to quickly convey information on a specific topic or idea.	Allows speakers to convey information about multiple topics or broad ideas in lecture format.	Allows speakers to engage participants in an interactive environment.
Room Set	Room is set with round tables.	Room is set either <b>theater</b> or <b>classroom</b> style.	Room is set with round tables for interaction.

**Note:** Specific capacity charts will be available on the Speaker Information Page once acceptances have been sent out.

Presentation formats cannot be changed without withdrawing your proposal and resubmitting a new one.

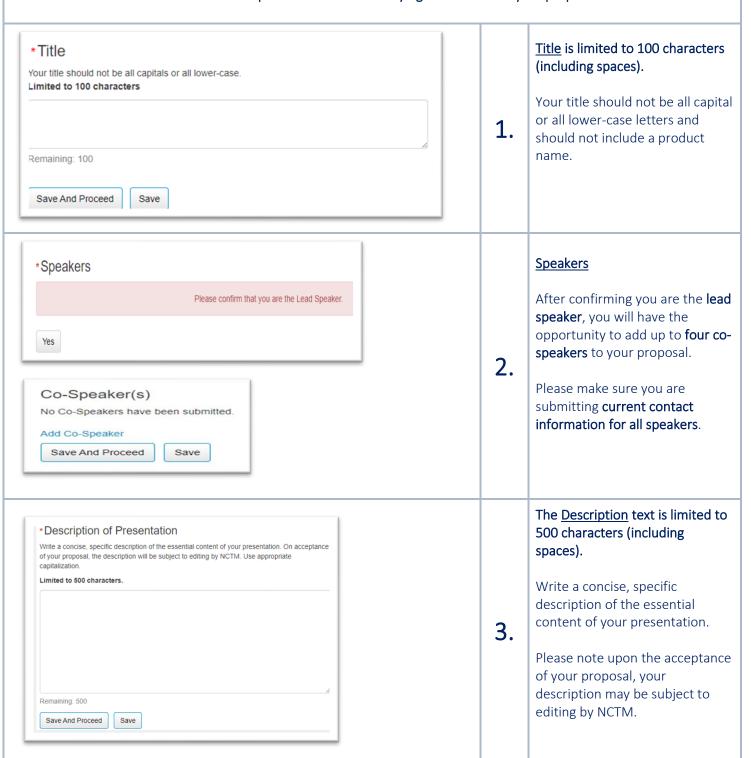
We will be unable to amend room sets once scheduled.

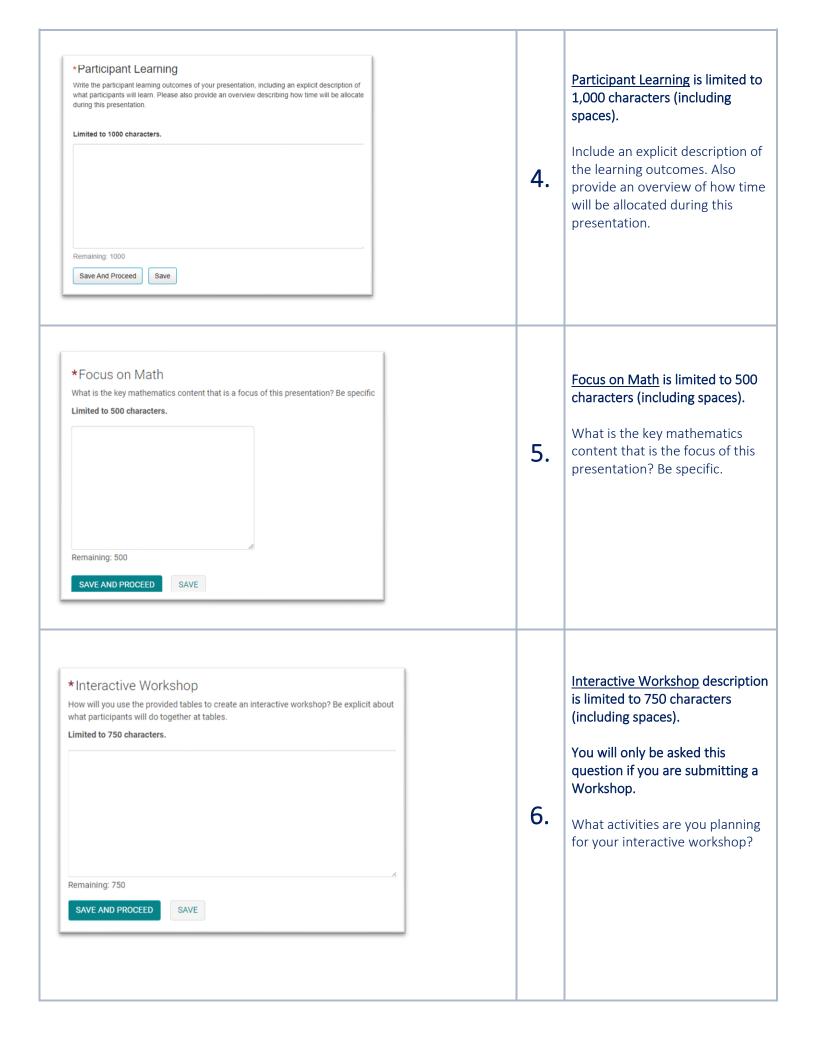
## **Submit Your Proposal**

Once you have selected your proposal type, you are ready to begin your submission! Remember, to move to the next tab you click on <u>SAVE And Proceed</u> when noted to move onto the next section or <u>SAVE</u> to record your changes. You can close and return to your work later at any point in the process. Remember to <u>SAVE</u> before closing the submission form. See step #11 below for instructions on how to return to your proposal. You may edit your proposal at any time prior to the <u>June 14<sup>th</sup> submission deadline</u>.

Note: The individual who submits a proposal is automatically made the Lead Speaker and point of contact for all communications on this presentation. Lead speakers cannot be changed after a proposal has been started.

Please do not add speaker names or identifying information to your proposal.





_ Inte	rmediate
□ In-D	epth
Ses	sion Audience
ou mus	t choose ONE grade band from the list below. Choose the audience that will best benefit from your presentation.
□ Pre-	K to 2
□ 3 to	5
□ 6 to	8
□ 8 to	10
□ 10 t	0 12
□ Coa	ches/Leaders/Teacher Educators
Gen	eral Interest
☐ High	ner Education
Res	earch

#### Effective Practice

This strand will focus on effective teaching practices educators can add to their playbook. We aim to transcend the traditional boundaries of mathematics education and empower students to become confident learners who can navigate and shape the world using their mathematical skills. These pedagogical approaches can serve as catalysts for providing equitable learning opportunities for all students. Sessions in this strand might include, but are not limited to,

- · Implementing the eight effective mathematics teaching practices
- Mathematics and social-emotional learning
   Project-based learning

- Catalyzing change in mathematics education
   Modernizing the mathematics classroom

#### ☐ Enhancing Your Instructional Playbook: Maximizing Learning Through Technology Integration

#### Effective Practice

In this strand, sessions will allow educators to discover effective methods for leveraging artificial intelligence (AI)-powered tools to engage students, stimulate their imagination, and uncover profound mathematical insights. Through hands-on exploration, educators will acquire skills and knowledge to effectively integrate technology into their classrooms, transforming them into vibrant, dynamic learning communities characterized by active engagement and collaboration. Sessions in this strand might include, but are not limited to, the following:

- Al in math classrooms
- . STEM in mathematics (or mathematics in STEM)
- Math technology tools to enhance instruction
- · Gaming and virtual reality in math/ gamifying math instruction

#### $\ \square$ Expanding Your Instructional Playbook: Cultivating Teacher and Student Content Knowledge

#### Purposeful Planning

Students enter the classroom imbued with a wealth of mathematical wisdom. Their potential, however, can only be tapped if we plan accordingly for their unique ways of thinking, knowing, and doing mathematics. Grounded in the Standards for Mathematical Practice, this strand invites participants to delve into mathematics from a fresh perspective, broaden their understanding of pedagogies within the content, and plan for richer learning. Sessions in this strand will empower participants to deeply understand students' emerging mathematical reasoning through a detailed examination of student work and engagement in authentic classroom settings. Sessions in this strand might include, but are not limited to, the following

- Analyzing student thinking
- Planning effective hands-on instruction
- · Designing student-led activities
- Embedding relevance and applicability of mathematics beyond the classroom
   Aligning instruction to standards and learning progressions
- · Incorporating the study of data and statistics

#### ☐ Strengthening Your Instructional Playbook: Establishing Equitable Learning Communities

Valuing each student as an individual, we celebrate students' assets and identities. This includes developmental variations, neuro-diversities, race and ethnicity, language, gender, sexual orientation, economic class, culture, community, and interests. Diversified learning experiences provide powerful opportunities for students to understand mathematical ideas, build positive mathematical identities, develop agency, make connections, and view the world through a mathematical lens. The more we understand and respect the individual's background and strengths, the more we understand their particular needs and co-create identity-affirming learning environments. How can we understand, celebrate, and utilize the strengths and differences that make our classes unique? Sessions in this strand might include, but are not limited to, the following

- Improving mathematical identity and agency
- · Creating a sense of belonging in the mathematics classroom
- · Culturally responsive and relevant pedagogy
- Differentiated instruction
- · Multi-tiered systems of support
- Intervention strategies

#### $\ \Box$ Transforming Your Instructional Playbook: Reimagining Your Classroom Assessment Practices

#### Authentic Performance

In this strand, we will focus on assessment and feedback strategies to expose the power of student thinking in mathematics and help students make connections as we refine our instructional playbook. Assessment, when embraced as a learning opportunity, can transcend mere grading and become a catalyst for growth and understanding. Sessions in this strand will help us shift how we think about classroom assessments and incorporate assessment practices that embrace students' unique educational, personal, and cultural experiences. Sessions in this strand might include, but are not limited to, the following:

- Implementing student-centered formative and summative assessment strategies
- Utilizing assessment data as an integral tool to elicit student thinking and guide instruction
- · Integrating assessment tools to support students in navigating their learning, promoting a positive mathematical identity, nurturing a growth mindset, and elevating agency
- Dismantling grade-driven motivation and providing asset-based feedback
- · Leveraging multiple points of data to support every learner
- Celebrating students' expertise and promoting assessment as a shared community practice
- · Incorporating strategies to provide timely, educative, and constructive feedback
- Investigating the impact of labels on student performance
- · Analyzing belief systems when it comes to student assessment performance

Save And Proceed

#### **Topics**

#### Session Level Content:

You must choose the intended audience level from the list. Choose the audience level that will benefit from your presentation.

### **Session Audience:**

Please choose only one Audience from the list. While some presentations will appeal to multiple audiences, select the one audience that will most benefit from your presentation.

Please note: Workshop presentations can only present to one of the following grade-band audiences:

Pre-K to 2 3 to 5 6 to 8 8 to 10 10 to 12 Coaches/Leaders/Teacher Educators

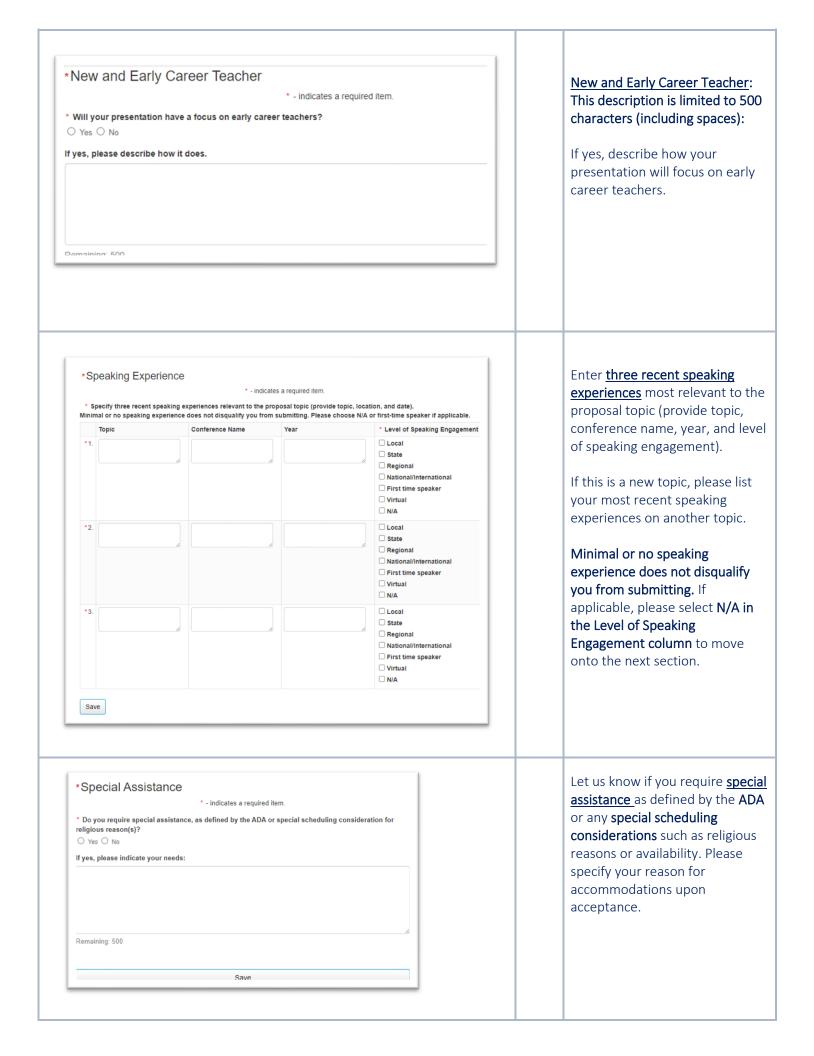
#### Strands:

7.

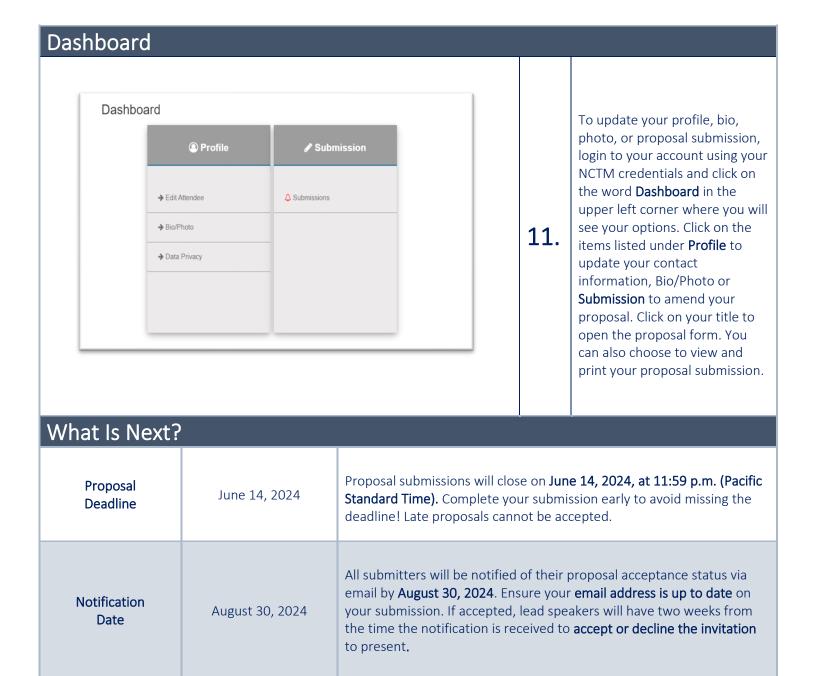
Your proposal MUST align with a Strand. Select ONE from the list that best describes your presentation.

Be sure to read through all the descriptions before making your selection.

#### You must complete all seven Additional Information—tab 8 8. items listed within the Additional Information tab. Audio/Visual Equipment: Presentation rooms will be pre-\*Audio/Visual Equipment set with an LCD projector, screen, computer audio, and 1. Speakers must provide their own laptop computers. microphone. Laptops and HDMI 2. Each presentation room will be set with: computer audio, 1 LCD projector, 1 screen, and 1 microphone adapters will not be provided. \* - indicates a required item. \* Calculators (check one) Speakers have the option of O Casio O Texas Instruments requesting calculators. If O No Calculators Needed requested, calculators will be delivered to presentation rooms Save prior to the session. A calculator representative will contact you directly for additional information related to your request. The Equity and Access section is \*Equity and Access NCTM's position on what is required to create, support, and sustain a culture of access and equity in the teaching and learning of limited to 1000 characters (including spaces): Creating, supporting, and sustaining a culture of access and equity require being responsive to students' backgrounds, experiences, cultural perspectives, traditions, and knowledge when designing and implementing a mathematics program and assessing its effectiveness. Acknowledging and addressing factors that contribute to differential outcomes among groups of students are critical to ensuring that all students routinely have opportunities to experience high-quality mathematics instruction, learn challenging mathematics content, and receive the support After reading NCTM's position on necessary to be successful. Addressing equity and access includes both ensuring that all students attain mathematics proficiency and increasing the numbers of students from all racial, ethnic, linguistic, gender, and socioeconomic groups who attain the highest levels of mathematics what is required to create, . - indicates a required item support, and maintain a culture \* How does your presentation align with NCTM's dedication to equity and access? of access and equity in the Limited to 1000 characters teaching and learning of mathematics, you will be asked to answer how your presentation Remaining: 1000 aligns with NCTM's dedication to Save equity and access. **NCTM Publications** \*NCTM Publications Limited to 500 characters \* - indicates a required item (including spaces): \* Have you authored an NCTM book? If so, please list it here. Have you authored an NCTM book? List the title(s) in the box or enter "no" if you did not Remaining: 500 author an NCTM book. Have you written for one of our journals? ☐ Mathematics Teacher: Learning and Teaching PK-12 ☐ Journal for Research in Mathematics Education Have you written for one of our ☐ Mathematics Teacher Educator journals? Select all that apply ☐ Mathematics Teaching in Middle School from the list of NCTM journals. ☐ Mathematics Teacher Save



* Are you including student work in the form of Classroom Video?  Yes  No Other		Are you planning to include student work in the form of a classroom video? If you respond yes, please provide a brief description of your video content.  Are you planning to share other types of student work? If you respond other, please provide a brief description of the student work.
review	9.	You will have the opportunity to <b>Preview</b> your entire proposal prior to finalizing. You may also skip this step and finalize your submission.
*Finalize  Use this screen to finalize your Session. You must have completed all the required steps before you can finalize the proposal.  NOTE: Once you have clicked on FINALIZE you can edit this Proposal until the submission deadline of June 14, 2024. You will receive ar automatic confirmation email containing the link to review and monitor the status of your proposal online.  Tenalize  Finalize	10.	To complete your submission, you must check the "Yes" box, finalize your submission.  Incomplete proposal submissio will not be reviewed.  Once you finalize, you will receive an email confirming you submission has been received. Proposal submissions can be edited or withdrawn prior to the



# ConferencesDept@nctm.org

Contact NCTM Conferences Services at

**IMPORTANT:** Lead speakers are required to RSVP, register, and pay a

## Remember:

speaker registration fee.

Registration

Questions?

December 2024

Observe copyright and trademark rules. If you plan to use copyrighted or trademarked resources or songs, you must obtain appropriate permissions prior to submitting your proposal.