

Math Curricula Specialist

NS4ed, LLC. is looking for a math specialist to assist in the development of career-focused math curricula for typical middle school and secondary students. The curricula are intended to be used as core math curricula in typical middle school and secondary math classes. The math specialist will be a key member of the curricula development team and will be responsible for creating development plans that guide lesson writers, as well as evaluating content developed by the lesson writers. The math specialist will also consult with other members of the NS4ed curricula team to provide guidance and expertise in best practices in math curricula development and math instruction.

Job Brief

NS4ed is seeking a math specialist who is passionate and dedicated to the development of high-quality instructional math materials. Furthermore, this individual should be open to new methods of developing math curricula and embrace innovative thinking in the design of instructional materials. Given NS4ed's commitment to its flagship program, Pathway2Careers, and ensuring students are career ready, the math specialist will need to work to find unique approaches of incorporating authentic and meaningful career application into the math curricula. NS4ed is looking for a math specialist who is eager to learn about the Pathway2Careers program and the integration of everyday career tasks into mathematics teaching and learning.

Responsibilities

- Develop curricula frameworks for middle school and secondary math subjects, starting with Pre-Algebra, Algebra I, Geometry, and Algebra II. These basic frameworks will include tables of contents, math standards, pacing guides, and other relevant organizational materials that will be used to guide curricula development.
- Create lesson templates that will be given to lesson writers who will fill in relevant content.
- Work with lesson writers to generate appropriate career application examples that are appropriate for both the spotlighted career and the math concept being learned.
- Evaluate lessons delivered by lesson writers for accuracy and on-grade-level content.
- Research state-specific math standards and instructional content and provide strategies for aligning NS4ed curricula to state-specific materials.
- Develop lesson crosswalks that align each of the NS4ed math lessons with other popular math curricula. This should provide the ability for teachers to match NS4ed lessons with other lessons available within other popular math curricula.
- Provide consultation to the NS4ed curricula team regarding best practices in math curricula development and instruction.

Requirements

- B.A. in Mathematics
- At least 5 years teaching experience in middle school or secondary math classrooms
- In-depth knowledge of Common Core State Standards for Mathematics and the Model Course Pathways in Mathematics based on the Common Core State Standards
- Extensive experience using learning management systems (e.g., Canvas, Blackboard, etc.)
- Knowledge of popular math curricula and their use in typical math classrooms
- Solid computer skills, including MS Office – Word, Excel, PowerPoint

- Excellent written, verbal, and presentation skills
- Ability to work in flexible work environment where daily tasks may shift due to changing needs
- Ability to work independently and complete tasks and projects with minimal supervision
- Well-organized and detail-oriented in the management of projects and the delivery of materials and information to NS4ed staff and contractors/vendors working with NS4ed.

About NS4ed, LLC.

NS4ed partners with state and local entities to provide research, policy and practice deliverables that yield high value and actionable results in the education environment. We offer a unique perspective on gathering data and understanding the policy effect and implications for developing models that yield mission critical change in a community, district, or organization.

<http://www.ns4ed.com/>

Pathway2Careers is associated with NS4ed, an educational research and development company dedicated to negotiating services for schools, educators, and private institutions.

Pathway2Careers offers a critical bridge between education and industry that can help educators connect with the realities of their local job market. It offers a flexible framework where educators can explore labor market information and access innovative methods for preparing students for careers. Through the use of straightforward tools, such as the P2C labor market exploration tool, educators can easily identify high-value career destinations for students. These destinations guide the selection of effective resources and materials, available within the P2C framework, that can sustain progress on the path to career readiness.

<https://pathway2careers.com/>

<http://curriculum.pathway2careers.com/>

Contact:

Dr. Danielle Tallent
dtallent@ns4ed.com