

Join Center City Public Charter Schools: Become a Mathematics Specialist



Center City PCS is actively seeking experienced Mathematics Specialists for the 2012-13 school year. A Center City PCS Math Specialist supports a learning environment imbued with high expectations and rigor, ensuring all students realize high levels of academic and character development. Math specialists are expected to mentor new teachers, work closely with instructional specialists, contribute to Center City's wider learning community and collaborate with staff and families to achieve excellence in character, academics and service for every scholar. In addition to the faculty member expectations described below, there may be additional responsibilities required as scholar needs arise.

A Center City PCS Mathematics Specialist acts as a consultant/resource person as well as instructor of students with special needs in acceleration, correction or remediation of reading/language arts skills.

Job Summary

- The specialist works collaboratively with the classroom teacher and coach to implement a quality math program that is research-based with a focus on differentiating mathematics instructions.
- The specialist provides instruction that supports, supplements, and extends excellent classroom teaching
- The math specialist Position is responsible for analyzing school mathematics data and planning for future school-wide math needs.
- The specialist supports the professional growth of elementary school and middle school mathematics teachers by strengthening classroom teachers' understanding of math content
- The specialist promotes enhanced mathematics instruction and student learning by helping teachers develop more effective mathematics teaching practices that allow all students to reach high standards as well as sharing research addressing how students learn mathematics

Essential Duties

- Assists administrators and teachers at the assigned school in the implementation of a comprehensive mathematics program with a focus on differentiation
- Facilitates the school's math team to implement a support framework for increased student achievement in math and to review the math progress of students.
- Collects and facilitates the review and use of school math data to guide instruction and plan for student needs.
- Demonstrates ideal mathematics lessons to teachers in workshop settings and during professional development.
- Coordinates the mathematics best practices of other staff in the building as applicable.
- Provides individual and/or small group instruction to meet the needs of students.
- Collaborate with individual teachers through co-planning, co-teaching, and coaching.
- Assist administrative and instructional staff in interpreting data and designing approaches to improve student achievement and instruction
- Promote teachers' delivery and understanding of the school curriculum through collaborative long-range and short-range planning and teacher coaching.
- Facilitate teachers' use of successful, research-based instructional strategies, including differentiated instruction for diverse learners.
- Spend a majority of his/her specialist time in classrooms and/or directly with math teachers. Less than 25% of designated specialist time may be spent on curriculum enhancements, assessment work, planning professional development, or other related tasks to improve the division's math program.
- Interprets the abilities and disabilities of students and works cooperatively with classroom teachers who have these students in classes.

- Assists with screening, evaluating, and recommending interventions for students performing in the lower quartile in math.
- Completes reports, collects data, and provides information for program monitoring as requested.
- Participates in writing and monitoring the implementation of the curriculum.
- Participates in the construction and selection of math3 assessments.
- Attends staff development programs, curriculum development meetings, and other professional activities.
- Keeps abreast of developments, research, and new technology in the field.
- Performs any other related duties as assigned by the school principal or other appropriate administrators.
- In collaboration with the classroom teacher, provide assistance as requested, such as: participate in parent conferences, answer parent concerns in formal and informal settings to encourage support for their child's mathematics proficiency and development, serve as a resource to promote parental support of the mathematics program goals.
- Other duties as assigned

Qualifications

- Must possess a Master's degree and have specific background in developmentally appropriate math techniques and remedial math strategies.
- Minimum of 4 years of urban teaching experience
- Valid certification to meet State requirements with specific endorsement in elementary or middle school education, secondary mathematics, or K-8 mathematics specialist.
- Applicant must have three or more years experience as a Mathematics Teacher or K-8Teacher with sufficient time spent in the teaching of mathematics.
- Applicant who has had teaching experience must have an acceptable rating on such teaching.
- Must possess effective instructional delivery techniques and excellent communication skills.
- Must possess knowledge of the needs of students requiring remedial reading instruction.
- Must possess the ability to establish and maintain effective working relationships with school colleagues, school administrators, parents and students.
- Demonstrates ability to use data to assess student learning, with evidence of growth
- Demonstrates classroom leadership (observation or practice teaching during interview)
- Possesses knowledge of CCPCS goals and objectives, recent teaching trends and research
- Demonstrates proficiency with curriculum and materials of instruction in field of specialization
- Able to infuse technology into curriculum
- Possesses excellent oral and written communication skills

COMPENSATION

Center City PCS offers a highly competitive salary, bonus and benefits package. Center City PCS is an equal opportunity employer.