

Position: Instructional Coach -Math

### **Summary**

Math specialist will provide support to classroom teachers in grades 4 – 6 to prepare students for success in mathematics including completion of Algebra I and beyond. Specialist will report to the Director of Curriculum and Instruction and will work collaboratively with the site principals. Assignments will be based on student achievement data at the school sites.

Candidates interested in applying for the position should have the recommendation of their current site administrator and staff development training. Funding for this position is flows from a local parcel tax so candidates should consider this a four-year commitment.

### **Essential Duties and Responsibilities**

- Provide demonstration lessons and coaching for classroom teachers
- Plan professional development activities for teachers which include, strategies that aim for 100% engagement & error analysis to guide instructional strategies
- Error Analysis to guide instructional strategies
- Develop a bank of assessments and benchmarks to monitor student achievement
- Provide focused staff development for individuals and teams of teachers
- Knowledge of best practices and successful instructional materials
- Provide support during pilot process for new adoptions (08-09)
- Flexible Hours (2 – 3 evenings monthly)
- Provide training and technical assistance to school staffs in the area of interpretation of results, analysis, and performance improvement in the area of mathematics
- Respond knowledgeably to staff and community inquiries regarding the District Mathematics Program
- Works with Educational Services team to update assessment and evaluation tools to measure district achievement objectives in Mathematics
- Provide effective staff development in the area of Mathematics
- Work with Principals and Leadership Team to monitor the implementation of the district mathematics standards, benchmarks, and formative assessment for improving student achievement
- Provide staff development and coaching in effective elementary instruction.

## **Qualifications**

### **Knowledge and Skills**

Must have the skills to communicate with individuals from diverse educational and cultural backgrounds; to direct and support administrative, instructional and support personnel; embrace an instructional philosophy that is in concert with the district core academic instructional program; demonstrated understanding of currently accepted and research-based pedagogy in instructional strategies for both adults and children; demonstrated ability to direct and facilitate adult learners and have experience in developing and presenting professional staff development; a practical knowledge of a variety of assessment and evaluation instruments and their appropriate implementation; and, the ability to interpret and present data from a variety of sources.

### **Abilities**

Use data analysis tools and statistical software; provide interpretation of analysis to support programmatic decisions; work successfully with administrators, teachers, students, and parents; provide coherent demonstration lessons that reflect best practices in curriculum, instruction and include pre and post opportunities for discussion and assist staff in providing this same level of instruction; and, provide staff development, which fosters sustained instructional improvement through professional staff development.

### **Physical Abilities**

With or without the use of aids, requires sufficient visual acuity to recognize letters, words and numbers, to read printed materials; sufficient arm, hand finger, and/eye coordination and manual dexterity to write, and operate a personal computer keyboard, typewriter, and other office equipment; ability to hear and understand in person and on the telephone; sufficient body movement and mobility to drive an automobile, when required.

### **Education and Experience/ Licenses and Certificates**

Successful experience as a classroom teacher as well as demonstrable experience in the area of mathematics, that includes K-12 mathematics program administration. Must meet the Highly Qualified requirements for the No Child Left Behind Act in the area of mathematics or introductory mathematics.

TB Test clearance, Criminal Justice Fingerprint clearance, and valid Driver's license and evidence of insurability.