



RIALTO UNIFIED SCHOOL DISTRICT

DISTRICT LEAD MATH STRATEGIST Job Description

DEFINITION

Under the direction of the Lead Academic Agent Math, Science, College and Career Pathways, the District Lead Math Strategist will assist and implement the district Math numeracy program and/or the district secondary mathematics program, provide staff development and parent education training and assist with data collection. The District Lead Math Strategist has to have a strong conceptual understanding of mathematics, strong understanding of the California Mathematic Standards and how standards build up over the years and work with teachers so that their lessons incorporate the Standards of Mathematical Practice so that students in turn know to implement those standards in their communication in the mathematics classroom.

ESSENTIAL DUTIES

- Plan, provide and coordinate staff development and parent education of the mathematics program.
- Improve teachers' mathematics content knowledge.
- Plan professional learning to change the mathematical mindsets of teachers, administrators, and students.
- Assist teachers to integrate Standards for Mathematical Practice (SMP) to everyday instruction.
- Improve teachers' ability to understand, plan and assess student progress toward meeting mathematics standards.
- Improve teachers' content, management, and instructional strategies to better address the needs of all students in a positive environment.
- Lead workshops, presentations, study groups, or committees.
- Use data to analyze effectiveness of California CCSS Mathematics instruction and intervention and work with teachers and administrators to plan and implement strategies for evidence-based improvement.
- Work collaboratively with school sites to effectively select, implement, and evaluate educational programs aligned to the California CCSS for Mathematics.
- Work with teachers to design assessments that align with CAASPP.
- Perform other duties as assigned by the Lead Agent Math, Science, College and Career

QUALIFICATIONS

Knowledge of:

- Standards of Mathematical Practice and current, best practices of instruction, curriculum, professional development and assessment, including multiple ways to differentiate instruction to meet the needs of a range of learners
- California Common Core State Standards for Mathematics
- IReady or the Aleks programs
- Professional Learning Communities (PLC) and Response to Intervention (RTI)
- Research based mathematics instructional practices
- Targeted student populations and effective instructional practices that support their development

Ability to:

- Work independently and as part of a team
- Motivate, challenge, and guide others in the improvement of educational outcomes of students in mathematics.
- Use technology as a tool to support student learning in Mathematics
- Plan, coordinate, and facilitate collaborative relationships, activities, and services involving diverse groups of people.
- Effectively use time and resources to accomplish project objectives.
- Effectively use oral and written communication.
- Demonstrate effective instructional practices, strategies and teaching methods.

EXPERIENCE AND EDUCATION

Experience: Three (3) or more years of successful teaching experience in math, strong experiences in building capacity and expertise of elementary math teachers, or a secondary person with strong professional development experiences in the teaching and learning of CCSS math.

Education:

- Holds a valid California Multiple Subject, or valid California Single Subject teaching credential and EL authorization or equivalent.

PHYSICAL DEMANDS

Physical class:

Moderate lifting - 50 pounds maximum with occasional lifting and/or carrying objects weighing up to 25 pounds.

Work area requirements:

Ability to traverse any part of 40 acres, including construction site, campuses, fields, and concrete/asphalt areas; ability to use common school hand tools, computer, telephone and photocopy machine. Possession of a valid California driver's license and use of a private vehicle.

Physical requirements:

The time requirements are listed considering this wording and meaning:

Occasionally/low - up to 3 hours
 Frequently/Medium - 3 to 6 hours
 Constantly/High - 6 to 8 hours

Stooping:	Low	Carrying:	Occasionally
Bending:	Frequently	Standing:	Occasionally
Lifting:	Occasionally	Kneeling:	Low
Reaching:	Occasionally	Sitting:	Occasionally
Handling:	Constantly	*Driving:	Occasionally
Grasping:	Occasionally	Walking:	Constantly
Fingering:	Occasionally	Push/Pull:	Occasionally
Keyboarding:	Medium - must be literate		

****Verification of the possession of a valid California Motor Vehicle Operator's License, a DMV printout and insurability by the District's liability insurance carrier is required.***

Frequent motion:

Twisting:	Low
Wrist flexion:	Frequently
Elbow flexion/extension:	Frequently
Reaching to shoulder level:	Occasionally
Forward shoulder/neck flexion:	Occasionally - 3 hours per day
Reaching to above shoulder level:	Occasionally
Reaching below shoulder level:	Frequently

Sensory requirements:

Ability to see:	Constantly
Ability to hear:	Constantly
Ability to talk:	Constantly
Ability to smell:	Constantly
Ability to touch:	Constantly

Must be able to deal with these environmental considerations:

Heat:	Has own controls
Odor:	Yes
Noise:	Yes
Humidity:	Occasional
Moisture:	Occasional
Fluorescent lights:	Yes
Floor may be slippery at times:	Tiled areas
Working in close quarters with others:	Yes, all the time
Working inside:	95% of the day
Working outside:	5% of the day

This job requires:

Alertness:	Constantly
Attention to detail:	Constantly
The use of two hands:	Constantly
Recall of names and dates:	Constantly
Ability to work in temperatures down to 30 degrees and up to 105 degrees.	

Ability to deal with psychological factors:

Teamwork:	Constantly
Frustration:	Moderate - depends on the time of year
Repetitive tasks:	Yes, signature
Level of responsibility:	High
Must keep up with schedule:	High
Able to work extended hours as needed:	High
Dealing with upset employees, parents, community members:	Moderate

Physiologic factors:

Must maintain a high level of consciousness:	Yes
Orientation to time, place or person:	Yes
Ability to read at 12 th grade level:	Yes
Ability to comprehend and follow directions:	Yes
Able to keep up a high activity level during the shift:	Yes