



RIALTO UNIFIED SCHOOL DISTRICT

MATHEMATICS COACH Job Description

DEFINITION

Under the direction and supervision of the site principal, the Lead Academic Agent: Math/Science and College and Career Pathways, and the Academic Agent: Math/Science and College and Career Pathways, the Mathematics Coach will be fully released from the classroom to provide support and coaching that cultivates instructional rigor and alignment in mathematics throughout the school. The Mathematics Coach will also provide instructional leadership to plan, monitor, and evaluate the mathematics program's progress and modify, as needed.

ESSENTIAL DUTIES

- Collaboratively create and deliver professional development with follow-up coaching for seamless implementation into the classroom to ensure that teachers are knowledgeable about the California Common Core State Standards: Mathematics (CA CCSSM).
- Be familiar with the CAASPP Mathematics Assessment, including Claims and Targets, and the Standards for Mathematical Practice (SMP).
- Provide coaching and support to Mathematics teachers to improve instructional practices and increase student achievement through:
 - *Analysis of data
 - *In-class coaching
 - *Demonstration Lessons/modeling
 - *Training
 - *Classroom observations
 - *Co-Planning/Co-Teaching
- Assist teachers in building an interactive classroom environment focused on the content and learning strategies embedded in the mathematics program.
- Interpret/analyze ongoing data to inform instructional decisions and program design.
- Serve as a resource for teachers in:
 - *Powerful Teaching strategies
 - *Strategic Learning
 - *Differentiated Instruction
 - *Small Group Instruction
 - *Strategies/Methods for Students receiving Special Services
 - *Best Initial Instruction
 - *ELD Methodologies
 - *Instructional Technology
 - *Components of a balanced Mathematics Program
- Assist in ongoing monitoring of data and develop strategic plans to address student needs.
- Assist in setting goals for improved instruction and monitoring of student progress in mathematics.

QUALIFICATIONS

KNOWLEDGE OF: The California Mathematical Content Standards and the California Standards for Mathematical Practice; Research-based teaching strategies; Data-driven instructional decision making; Adult Learning Theory

ABILITY TO: Communicate effectively, work collaboratively with peers, teach students for demonstration purposes, coach peers in a non-evaluative manner, present materials/methods in a training environment, and use instructional technology tools and materials.

EXPERIENCE AND EDUCATION

- Holds a valid Single Subject Mathematics Credential and an EL authorization
- Four or more years of experience as a successful mathematics teacher
- Be familiar with presenting to teachers in staff development settings
- Demonstrated experience working with mathematics teachers to improve their practices

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.

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:

Team work:	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