

Talent Development Components to Support Student Learning in Mathematics – Job Embedded Professional Development

Teacher

Selection of tasks that involve goal setting, engagement with rich mathematical tasks, student presentations and self reflection

Teach and model the meaning of effective effort and create a classroom environment to welcome engagement and discourse

Assessment and grading practices that provide descriptive and actionable feedback

School Math Coach

Planning instructional approaches for units and lessons using standards, teaching frameworks, and rubrics for task selection , implementing those designs and debriefing with individual and groups of teachers with student work and data as evidence to inform next steps.

Facilitating Professional Learning Communities designed to implement shared expectations for mathematics instruction across the school and to create an environment for continuous learning about student s, mathematics and pedagogy.

Act as technical support for pedagogical content practices, lead local implementation support for CCSS and TEKS

Mathematics Instructional Facilitator

Provide ongoing technical support for coaches and teachers focused on the use of reflective practices to promote student learning

Support coaches in aligning schedule and practices to match the intentions as outlined

Provide feedback and support on coherence across Tier 1-2 and 3 supports for mathematics

Design tools and offer professional developments to support integrating teaching frameworks and mathematical practices with daily instruction and long range planning