STEM Instructional Coach

Mission and Vision of Resource and STEM Coaching: The purpose of the STEM instructional coach is to implement STEM and Blended Learning instructional support at the classroom level to directly impact student achievement by establishing effective science mentoring and modeling relationships at the site while supervising center resources.

Education and Experience:
- Holds a current Arizona Teaching Certificate and is Highly Qualified under NCLB Guidelines.
- Has a minimum of five full years of teaching experience.
- Has above proficient evaluations on the MSD Evaluation Instrument (average score of 4 or above) or an equivalent evaluation system from another district.
- Holds advanced degrees and/or certificates/endorsements in designated science and math areas.
- Has knowledge and experience as instructional coach and or team leader.
- Has working knowledge of STEM, Adaptive Curriculum, and Blended Learning.

Knowledge, Skills and Abilities
- Demonstrates knowledge of state and national core standards, district curriculum and instructional materials and assessments.
- Demonstrate knowledge of technology use in a blended environment.
- Become site expert in Adaptive Curriculum.
- Demonstrates knowledge of interpreting data and assessments to make instructional decisions.
- Demonstrates strong communication and presentation skills.
- Supports school and district mission and vision.
- Utilizes effective verbal and written communication skills.
- Demonstrates flexibility, dependability, organization, and collaboration.
- Establishes positive rapport with peers.
- Willing to participate in district training opportunities as provided.
- Demonstrates lifelong learning.
- Seeks opportunities to demonstrate facilitative leadership.

Essential Functions and Duties:
1. Supports coaching time focused on working in classrooms with teachers on improving teaching and learning regarding STEM and Blended Learning.

2. Supports colleagues in planning and teaching as well as student assessment and evaluation to determine next teaching points.

3. Maintains a ‘coaching log’ documenting mentorship time with teachers spent on improving teaching and learning and time related to school/district-focused professional development.
4. Works collaboratively with the administrators to support school professional development plans regarding student achievement through STEM and Blended Learning.
   - Assessing site needs through data analysis;
   - Facilitating/coordinating individual and group professional development;
   - Work closely with Adaptive Curriculum personnel to co-team site visits and participate in all training.
   - Planning differentiated classroom support based on individual teacher needs;
   - Generating opportunities for teachers to observe other effective models of instruction (video, visits to other classrooms etc.)

5. Supports teachers through classroom visitations for the purposes of:
   - Modeling whole group or small group lessons;
   - Observing and providing feedback;
   - Fostering reflection on the implementation of action steps to improve teaching and learning.

6. Supports teachers in individual and/or small group coaching dialogues for the purposes of:
   - Assisting teachers in classroom level data analysis and analysis of student work to evaluate and to plan for instruction;
   - Facilitating teacher reflection on teaching and student learning.

7. Participates in district level presentations:
   - Planning, preparing, and facilitating district wide professional development;
   - Serve as a liaison between the school and the district for the purposes of coordinating TCT efforts to focus on improving STEM teaching and Blended Learning.

8. Required to work on summer projects with some additional compensation. Projects may include: new teacher orientation, content institutes, curriculum revision and renewal, etc.

9. Provide supervision for the distribution and maintenance of FOSS Kits.

10. Supervises the center assistant to ensure FOSS kits are effectively prepped and delivered on time.

11. Communicate with the warehouse to ensure timely pick-up and delivery of FOSS Kits.

12. Other duties as assigned by the school/district administration focused on spending time with teachers on improving STEM teaching and Blended Learning.