



Consultancy Title:

Mathematics Instructional Coach

About ISA:

The Institute for Student Achievement (ISA) partners with schools and districts to transform schools so that students who are traditionally underserved and underperforming graduate prepared for success in college. Through these partnerships, ISA provides embedded organizational and professional development built on ISA's seven research-based principles*

ISA has over two decades of experience partnering with more than 80 public high schools across the country. In this time, ISA has developed a track record of results that includes a large and positive effect on student achievement, significantly improving high school attendance, credit accumulation, grade promotion, high school graduation rates, and college attendance and persistence rates. Since 2013, ISA has been a division of the Educational Testing Service.

*ISA's seven research-based principles are (1) College Preparatory Instructional Program, (2) Extended School Day and School Year, (3) Continuous Professional Development, (4) Distributed Counseling™, (5) Dedicated Team of Teachers and Counselors, (6) Parent Involvement, and (7) Continuous Organizational Improvement. For an expanded articulation of the seven principles, please visit: <http://www.studentachievement.org/approach/the-seven-principles/>

For more information about ISA, please visit our website:

<http://www.studentachievement.org/about-isa/>

Consultancy Description:

An ISA mathematics coach works with mathematics teachers and departments to help develop an inquiry approach to the teaching and learning of mathematics aligned to ISA's seven principles and relevant standards. Our focus is on helping teachers create classrooms that engage students in interesting investigations and problems leading to the development of both conceptual and procedural understandings.

Responsibilities of a Math Coach:

- Develop an action plan leading to clear outcomes aligned to ISA's seven principles and based on observations of classrooms, discussions with teachers, and consultation with the principal;
- With the action plan and outcomes in mind, work with individual teachers to strengthen their teaching practice, lesson and unit development, and understanding connections within mathematics;
- Building capacity of teachers to lead a team and support each other;
- Work with teams of math teachers to build a math community around a 4-year math program;
- Helping teachers collect and analyze data, including embedded formative assessments to better understand students' thinking and strengthen student achievement;
- Promoting learning in the math community by Identifying promising strategies and practices and sharing them across schools;
- Observe teachers in their classrooms and meet with them to provide formative feedback;
- Communicate with ISA Senior Mathematics Specialist about the progress of the coaching;
- Attend meetings for ISA coaches during the year. These meetings are facilitated by the National Center for Restructuring Education, Schools & Teaching (NCREST) and are in addition to in school coaching days. The number of meetings and the location will be determined by project.
- Submit Coach's Logs as a record of work and submit invoices for payment; and,
- Provide the collaborating principal or administrator with an email recap after each visit.

Generally, there is an opportunity for additional days of work related to different ISA initiatives.

Qualifications:

- A minimum of 10 years of relevant experience using an inquiry approach;
- Experience working with mathematics teachers individually and facilitating group discussions;
- Ability to lead workshops for 20 – 25 people around mathematics and mathematics education;
- Deep understanding of mathematics as a discipline and its meaning in the world.

Compensation:

- \$700 per full day of coaching and \$500 per coach meeting day

If you are interested in this position, please send your resume and cover letter to Nathan Dilworth at ndilworth@isa-ed.ets.org.