Leveraging University/School District Partnerships to Support Mathematics Learning for ALL
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• How has your district/school collaborated with universities in the past?

• In what ways can you envision a university/school district collaboration benefitting your mathematics program?
Levels of Support

- District Leaders
- Schools
- Teacher Leaders
- Teachers
- Students
- Parents
Levels of Support

- District Leaders
- Parents
- Schools
- Students
- Teacher Leaders
- Teachers
Needs of District Leaders

• Comprehensive needs assessment
• Mathematics vision for the school district
• District curriculum and assessment documents
• Appropriate print and digital instructional materials
• Access for students to higher-level mathematics courses
• Videos for student instruction and teacher professional development
• Research on effectiveness of district’s mathematics programs
Levels of Support

District Leaders

Parents

Students

Teachers

Teacher Leaders

Schools
Needs of Schools

- Communities of practice
- Effective mathematics teachers
- Dynamic teacher leaders
- Support for new and/or struggling teachers
Levels of Support

- District Leaders
- Schools
- Teacher Leaders
- Students
- Teachers
- Parents
Needs of Teacher Leaders

• Professional development to better understand their potential as teacher leaders
• Just-in-time answers to questions on mathematics content and pedagogy
• Assistance in leading effective instructionally-focused collaborative planning
Levels of Support

- District Leaders
- Parents
- Schools
- Students
- Teacher Leaders
- Teachers
Needs of Teachers

• Long-term professional development to strengthen mathematical knowledge for teaching
• Short-term professional development focused on specific content strands and/or pedagogical strategies that is aligned to teacher needs and district initiatives
• Assistance in developing effective instructional and/or management strategies that engage all learners
Levels of Support

District Leaders

Parents

Sschools

Teacher Leaders

Students

Teachers
Needs of Students

• Summer instructional programs
• Academic-year enrichment programs
• Rewards for academic achievement
• College admission and financial aid workshops
Levels of Support

- District Leaders
- Schools
- Teacher Leaders
- Teachers
- Students
- Parents
Needs of Parents

• Information about school and district mathematics programs

• Opportunities to engage with the school community through mathematics

• Resources for supporting mathematics instruction at home
Contact Information

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