

**Category: Improve math achievement** through staff development on **differentiated instruction and formative evaluation** to respond to learning progress and needs aligned with quarterly learning outcomes.

Activity	Person(s) Responsible
<b>Instructional Leadership:</b> Establish core curriculum quarterly outcomes aligned with ISAT, EXPLORE, and Common Core Math Standards	Principal and ILT
<b>Instructional Leadership:</b> Compare lesson plans and student work samples.	Principal and teachers (meet weekly)
<b>Instructional Leadership:</b> Monthly math recognition for students and teachers.	Principal
<b>Professional Capacity:</b> Clarify comprehensive core curriculum in summer institute and monthly workshops	Principal
<b>Professional Capacity:</b> Professional development on differentiated instruction and formative evaluation	Need Network support
<b>Instruction:</b> Teachers analyze system test data and local assessments, identify priorities, meet with parents to discuss	Teachers, Assistant Principal
<b>Instruction:</b> Align computer resources with identified math needs	Classroom Teachers
<b>Instruction:</b> Collect and analyze weekly assessments of student math work, emphasizing Common Core Math Practice Standards	Grade level/cycle teachers (meet weekly)
<b>Instruction:</b> Use results of formative evaluation emphasizing to modify instructional plans.	Teacher (meet weekly)
<b>Instruction:</b> Align before/after-school remediation and enrichment programs with core math curriculum.	Math teacher
<b>Instruction:</b> Teachers analyze results of math assessments, identify priorities, <b>meet with parents to discuss</b>	Teachers
<b>Instruction:</b> Students prepare math journals about what they learn.	Teachers
<b>Instruction:</b> Link classroom computers to on-line math sites; coordinate use with after-school programs; send list of links home for families to use	Grade Level Leaders
<b>Instruction:</b> Math Game Lending Library	Math Teacher/Assistant Principal
<b>Learning Climate:</b> Recognize students for effort/achievement with high-interest math games	Assistant Principal
<b>Family and Community Involvement:</b> Monthly math activity guides for parents	Math teacher, assistant principal
<b>Family and Community Involvement:</b> Train volunteers as math tutors	Math Teachers
<b>Learning Climate:</b> Set up school bookstore, with student accountants, funded by donations.	Upper grade teacher
<b>Learning Climate:</b> Set up Math Displays in each classroom	Teachers
<b>Family and Community Involvement:</b> Parent workshops home math activities	Math Teachers