

**Category: Increase science achievement** with a core framework and consistent integration of reading and writing science **with differentiated instruction and formative evaluation.**

Activity	Person(s) Responsible
<b>Instructional Leadership:</b> Establish core curriculum quarterly outcomes aligned with ISAT and EXPLORE and Common Core Science Framework	Principal
<b>Instructional Leadership:</b> Compare lesson plans and student work samples/assessments	Principal
<b>Instructional Leadership:</b> Principal sets up monthly math recognition for students who make math progress.	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>Professional Capacity:</b> Teacher workshops on science literacy including writing about science	English/Writing teacher
<b>Instruction:</b> Teachers analyze system data and local assessments, identify priorities, meet with parents to discuss	Teachers, Assistant Principal
<b>Instruction:</b> Collect and analyze weekly assessments of student work	Principal; grade level teachers
<b>Instruction:</b> Use formative evaluation to modify instructional plans.	Teachers
<b>Instruction:</b> Teachers analyze results of assessments, identify priorities, meet with parents to discuss	Teachers, Counselor
<b>Instruction:</b> Give mid and end of quarter assessments aligned with Common Core nonfiction literacy standards.	Need Network Support
<b>Instruction:</b> Give ISAT/EXPLORE-based assessments quarterly; discuss results with students and parents.	All teachers—grades 2-8
<b>Instruction:</b> Link classroom computers to on-line science sites; coordinate use with after-school programs; send list of links home for families to use	Grade Level Leaders
<b>Learning Climate:</b> Students prepare exhibits about what they learn.	Teachers
<b>Family and Community Involvement:</b> Parent workshop on helping your child with science fair projects	Science teacher
<b>Family and Community Involvement:</b> Family field trips to science museums	Assistant Principal