



## Activities/Assessments to Develop Science Competence

### Science Literacy—Raise Rigor, Reinforce Core Skills and Knowledge

#### *Activities to Complement Ongoing Instruction*

- Diagram cause-effect.*
- Diagram main idea and supporting information about science topic*
- Independent reading summaries*
- Parents receive lists of important vocabulary for students to practice*
- Pictorial Word wall—science words with drawings that show what they mean*
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- Simulate science test and debrief—What was difficult? Why?*
- Students analyze and classify questions—“What is it asking me? What skills will I use? What information do I need?”*
- Students make sequence charts of science process*
- Students make their own science glossaries*
- Students make up their own questions (and answers)—analytic, inferential—about science topic*
- Students outline science passage*
- Students prepare summary for class of what they learned*
- Students write guide—how to do an experiment*
- Students write science guides*
- Students write science poems*
- Use chart to classify information*

#### *ISAT Integration Activities that Fourth/Seventh Graders can do that also will enrich the learning of their split-grade classmates.*

- Students analyze and classify questions—“What is it asking me? What skills will I use? What information do I need?”*
- Students evaluate: how do you choose the best answer to a question?*
- Students make up their own questions (and answers)—analytic, inferential—about science topic*
- Students “rank” the answers to the hardest question they find on the sample test and analyze what makes the question difficult—and how to answer it.*
- Science “Mixer”—students answer questions from different areas of science and grade levels.*
- Students write their own test-taking guide*
- Students “rank” the answers to the hardest question they find on the sample test and analyze what makes the question difficult—and how to answer it.*