Appendix A

Materials and Assessment

RESOURCES AND MATERIALS

Core

Progressive Science Initiative Units, New Jersey Center for Teaching and Learning, www.njctl.org

Supplemental

Scott Foresman Science, Pearson, 2008, Grades K-5

METHODS OF ASSESSMENT

Student assessment in science should include the following:

- Modeling
- Whole and small group activities
- Cooperative learning
- Vocabulary attack
- Discussion
- Independent practice
- Problem solving
- Controlled experiments
- Developmentally appropriate activities
- Projects (group and individual)
- Laboratory work
- Opportunities for student-directed inquiry in connection to unit standards

METHODS OF ASSESSMENT

Student assessment in science should include the following:

- Tests and Quizzes (standardized or teacher-made)
- Teacher observation of class work and homework
- HOT (higher order thinking) questions and answers including inferential thinking and critical thinking questions
- Participation in class and group work
- Portfolio assessment
- Journal entries
- Science notebook
- Projects (individual and group)
- Lab Reports