

Additional Resources Available for Loan from the Science Center

The Science Center has a number of additional materials, videos, books and periodicals available for loan to teachers, administrators etc. for staff development who participate in the Science Kit Program.

Selections that Support the Science Learning Standards

MATERIALS

Teach Cam and television

GPS units and operational video

Geological hammers and goggles

Display case of NYS Eurypterid Fossil

TEACHER STAFF DEVELOPMENT VIDEOS

See What Science Is All About Video Series:

See What Earth Science Is All About

Grade K-3

See What Earth Science Is All About

Grades 4-6

See What Physical Science Is All About

Grade K-3

See What Physical Science Is All About

Grade 4-6

See What Life Science Is All About

Grade K-3

See What Life Science Is All About

Grade 4-6

SED: Focus On Science Teacher In-Service videos for the elementary teacher Grade 3-4

Batteries, Bulbs and Wires (Teacher focus on student assessment)

Human Food Chains (Teacher focus integrating science with other curriculum areas)

Moisture and Seeds (Teacher focus on materials management in the classroom)

Sink and Float (Teacher focus on problem solving)

SED: Just Think Problem Solving Through Inquiry video series for teachers Grades K-8

Just Think Problem Solving: Inquiry

Just Think Problem Solving: Design

Just Think Problem Solving: Discourse

Just Think Problem Solving: Research

Just Think Problem Solving: Assessment

Just Think Problem Solving: Partnerships

SED: MSTe (Math, Science, Technology & Engineering) Video Project for teachers in Grades K-8

A Private Universe video – student misconceptions in science

Sample of PERIODICALS

NSTA Science Teacher Grades K-4

NSTA Science Scope Grades 5-8

American Paleontologist: Fossil Stuff Grades 3-6

Lawrence Hall of Science GEMS Math and Science Series

GEMS Teacher's Handbook-Philosophy Statement, etc.

Global Warming (Grades 7-10)

Height O Meters (Grades 6-10)

Animals in Action (Grades 6-10)

Mapping Fish Habitats (Grades 6-10)

Experiments with Model Rockets (Grades 6-10)

Acid Rain (Grades 6-10)

Chemical Reactions (Grades 6-10)

Animals in Action (Grades 6-9)

River Cutters (Grades 6-9)

More Than Magnifiers (Grades 6-9)

Color Analyzers (Grades 5-9)

Bubble -Ology (Grades 5-9)

Plate Tectonics (Grades 6-8)

Quadice (Math Grades 4-6)

Fingerprinting (Grades 4-8)

Cabbages and Chemistry (Grades 4-8)

Hot Water and Warm Houses (Grades 4-8)

Classroom Critters (Grades 1-3)

Liquid Exploration (Grades 1-3)

Buzzing A Hive (Grades 1-3)

Involving Dissolving (Grades 1-3)

Penguins (Preschool-Grade K)

Animal Defenses (Preschool-Grade K)