

Technology that Supports Instruction

Internet Resources:

- activities for kids to do on-line,
- access to other kids for collaborative research activities,
- unusual visual experiences in video and pictures,
- access to scientists/research sites,
- access to special tools like electron microscope,
- access to manipulable or 3-D models;
- background info for kids or teachers
- hands-on activities to print out
- teacher tools for planning and reflection

Equipment:

Overhead projectors	for exploration with light, dissolving, veins of leaves, waves, shadows,
Data-gathering probeware.	Temperature, magnetic fields, motion, force, pH
Microscopes Projecting Microscopes	I&E starting in 2 nd grade, cells, microorganisms
Variety of scales, weights	physical properties k, 1 st , 3 rd , 5 th , math skills
Thermometers	physical properties 1 st , 3 rd , 5 th grade
Barometer, rain gauge	study of weather 1 st and 5 th
Projecting cameras	
Computer projectors	to explore websites together, see video
Petrie dishes, incubators	to explore microorganisms, reproduction
Binoculars	to explore lens, light 3 rd , birds, bird habits 1 st , 2 nd , 4 th
Seismograph	to explore earth movements, earthquakes 4 th , 6 th
Van de Graff generators	to explore static electricity 4 th