



What's coming out of your tap?

The newly updated electronic version of our ever popular Tapwater Tour® is a classroom investigation of how and why the characteristics of tap water can vary and affect every day activities. After reviewing background material about pH, chlorine, hardness, copper, and iron, students work independently and in teams to test their own tap water samples with simple TestTabs® reagent tablets. Students use observations and analyze shared data from the hands-on activities to explore water quality.

Activities can be modified to fit specific curriculum needs or learning opportunities. Data sheets and puzzles for each unit can be printed or filled electronically by students using a computer or tablet. Includes Instructor Manual, Student Manual with data sheets and puzzles, classroom color chart, and reagents and sample test bags for 50 students.

NGSS
ALIGNED

The Tapwater Tour®

Grades 4-8/50 students

Order Code 5972 | NH [1]

Reagent Refill R-3608 | NH [1]

- Instructor Manual with everything you need from background information and setting up the classroom to a shopping list for everyday items
- Student Manual including test procedure, data sheets, and puzzles
- Students work in groups and individually
- Encourages critical thinking and active learning
- Flipped learning: Students can read background material before the lesson and apply knowledge to analyze their own classroom data
- Works on computer or tablet
- Great for inclusion classrooms



Code 5972

The Watershed Tour™

Grades 4-8/30 students

Order Code 5419 | NH [4]

Reagent Refill R-5419 | NH [1]

Can't get your class to a river? Need a meaningful watershed experience? Study a virtual watershed! Through a week-long series of activities students "test" four sites along a river continuum—from the headwaters to the mouth—to study how the river changes, and how human activities influence water quality. Introduce students to stream and river ecosystems through a classroom-based tour of a virtual watershed. The class will learn about stream ecology, water quality issues and their own connection to a watershed using TesTabs® tablet tests, games and activities. Incorporates science and math and geography activities. Includes lecture materials, illustrated handouts, teacher's tips, test procedures, TesTabs® reagents, data sheets and games. TesTabs® reagents and test tubes for 30 students in groups.

Also See: Test Strips pg. 19 | Funky Faucet pg. 32



Study
Watersheds
in the
Classroom!

Code 5419

The Shore Tour

Living Responsibly on the Edge of the Ocean

Grades 4-8/40 students

Order Code 5939 | NH [5]

Refill R-5939 | NH [1]

Five units teach students, through classroom lectures and activities, how their everyday actions affect the ocean. Whether they live in an urban, rural or a shore setting, students and their families can do things to help keep ocean and shore ecosystems healthy. Topics include an introduction to coastal ecosystems, energy conservation, pollution, estuaries, beach erosion and restoration, litter, recycling, oil spills, shoreline development and marine debris. Each unit is packed with activities and spotlights a traditional or not so traditional marine career. Real news stories and articles bring the lecture material to life. Includes data sheets and a thought-provoking game to bring it all together at the conclusion of the tour. Help students develop a sense of stewardship toward shores and oceans that will remain with them for the rest of their lives.

- ▶ informative lecture material with real life stories
- ▶ teacher tested activities from EPA, NOAA and The Marine Mammal Center
- ▶ CD with printable handouts, data sheets, and more
- ▶ links to activities and information from ocean experts
- ▶ complete hands-on curriculum
- ▶ spotlights of traditional and non-traditional marine careers
- ▶ step-by-step classroom activities, team data sheets and handouts
- ▶ incorporates science, math, language arts and social studies
- ▶ extensions and "Webquests" for each unit
- ▶ links to over 100 ocean-related resources

The Tour Series

Each inquiry-based Tour includes hands-on activities, background information, data sheets, classroom color chart posters, puzzles, diagrammed test procedures, and TesTabs tablet reagents. Flexible activities can be modified to mesh with current curriculums or to meet the needs of special populations.

Also See:
Marine Science Outfit pg. 11
Salinity Refractometer pg. 27
Hydrometer pg. 26



No Need
to Leave the
Classroom!

Code 5939



WARNING: This product is not a toy or game, but does contain small parts/pieces that could become a choking hazard.

Also See: NPK Soil Kit pg. 45 | Nitty Gritty Soil Kit pg. 31 | Soil pH Kit pg. 45 | Soil Sampler pg. 47 | Funky Faucet pg. 31



Code 5418

The Pondwater Tour

Grades 4-8/50 students

Order Code 5418+ | NH [4]

Reagent Refill R-5418+ | NH [1]

Study and measure changes in water quality in any body of water—from lakes to aquariums! The Pondwater Tour is a great classroom introduction into the study and measurement of changes in the water quality of a lake, stream, pond, aquarium or even a fish bowl. Each student on the Pondwater Tour conducts water quality tests for pH, dissolved oxygen, nitrate and ammonia using simple TesTabs® reagent tablets. Students investigate natural processes and variables that create changes in water quality over time. Incorporates science and math activities. Tablets and sample test bags for 50 students.

[†] ⚠️ WARNING Reproductive Harm - www.P65Warnings.ca.gov/product



Code 5425-01

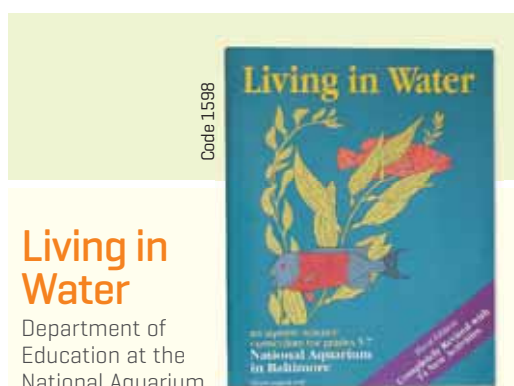
The Topsoil Tour

Grades 4-8/50 students

Order Code 5425-01 | NH [4]

Reagent Refill R-5425-01 | NH [1]

Get the dirt on your dirt! The Topsoil Tour is an exciting classroom investigation into the physical and chemical properties of soil. Each student on the Topsoil Tour completes seven units while conducting his/her own soil tests for soil texture, pH, nitrogen, phosphorus and potassium using simple TesTabs® reagent tablets. Incorporates math and science activities. Tablets and sample test bags for 50 students.



Code 1598

Living in Water

Department of Education at the National Aquarium in Baltimore

Order Code 1598 | NH [1]

An aquatic science textbook containing 50 activities that integrate physical, earth and life science. It can be used as a complete curriculum or individual activities. Classroom based scientific studies of water, aquatic environments and the plants and animals that live in water. Field studies can be adapted for use in any body of water from the ocean to a fish bowl. 395 pages.

AP® Environmental Science Water Quality Assessment Curriculum Module

Grades 7 and up

Order Code 5845 | NH [1]

The AP® Environmental Science WATER QUALITY ASSESSMENT MODULE includes and an extensive curriculum that uses the exploration of the Water Quality Index to teach students STEM-based skills that they will apply through classroom and field activities to satisfy Section VI [Water Pollution] of the AP® Environmental Topics Outline. Includes 10 Nutrient – TTC/MacConkey BioPaddles® [Code 5553] for coliform testing, Salt/TDS/Temp Tracer [Code 1749-01] for temperature and TDS determination and Teacher Resource CD-ROM. Module is designed to be used with the Water Quality Educator [Code 5870-01, see page 12]

Teacher Resource contains: Teacher/Student Guides, water quality field procedures, STEM-based activities, PowerPoint presentations, Quick Time iPad/iPod videos for Watershed Ecology, WQI, Water Pollution and Statistical Analysis. Also includes a Free LaMotte BioPaddles® Colony ID™ Lite app. See page 22.



Code 5845