



# The Visual Realization Program

Involvement + Experience = Understanding, Ownership and Long-Term Retention

Engaging

*A National Science Teachers Association (NSTA) Selected and Recommended Exemplary Science Program*

Inquiring

Engaging and Teaching the Digital Generation of Learners in STEM Subjects

## Program Instructional Materials, Tools and Professional Development Pricing

### Content Add-In Bundles: For program participants

#### DIIMSA® - Water Studies Bundle for Biology, Chemistry or Environmental Science



This bundle integrates projects and digital imagery technology to allow students to learn Biology, Chemistry or Environmental Science through real world experimentation using water studies. This bundle provides teachers with activities and materials needed to accomplish sampling and analysis of water collected from selected ecological environments, which provides a mechanism to explain the ecological processes and the impacts on the environment. From dissolved oxygen studies to actual chemical composition of water, this bundle provides several activities and the equipment that can be completed using water as a context of the environment.

#### Components:

- DIIMSA® Water Studies Activity Guideset and DIIMSA®-EXPERT PBL Access.
- Tests for: pH, Temperature, Acidity, Alkalinity, Dissolved Oxygen, Hardness, Nitrate, Phosphate and Heavy Metals.

#### Item Number - Description

- 15 V 0837 - Thermometer
- 21 V 9073 - Dissolved Oxygen Test Kit: Range: 0-12ppm, 30 Tests
- 21 V 9076 - Nitrate: Range: 1-5ppm, 30 Test
- 21 V 9078 - Phosphate: Range: 1-10ppm, 30 Tests
- 21 V 1103 - Single Factor Water Test Kit, pH, 30 Tests
- 21 V 1105 - Single Factor Water Test Kit, pH/Total Alkalinity, 50 Tests
- 21 V 1106 - Single Factor Water Test Kit, Total Hardness, 30 Tests
- 21 V 1113 - Single Factor Water Test Kit, Heavy Metals, 50 Tests

*(Note: Should do group planning and purchase test kits based on the project testing focus.)*

#### Contact for Test Kits:

Holly Ahern, Regional Account Manager, Ward's Natural Science  
 Cell: 512.789.3155  
 Toll Free: 1.866.362.1734, Ext: 203421  
 Fax: 1.800.828.3299  
 Email: holly\_ahern@vwreducation.com  
 Website: wardsci.com

#### Contact for DIIMSA® Components:

Karl Spencer, Program Manager, VisualRealization.com  
 Direct: 832.731.7573  
 Toll Free: 1.877.401.2395  
 Fax: 1.866.339.1286  
 Email: Karl.Spencer@VisualRealization.com  
 Website: visualrealization.com

"Best Practices in Integrating Visualization Technology and Pedagogical Methodologies"