




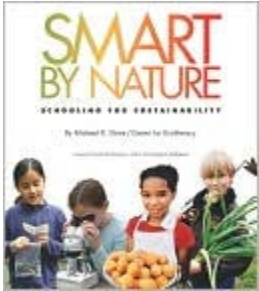


**Middle & High School  
2011- 2012 Toolkit**

Item	Description	Grades	Quantity
 <p><b>Bio Energy Kit</b></p>	<p>This kit demonstrates the latest in fuel cell technology using ethanol as its fuel source. Currently fuel cells use hydrogen or methanol as fuel. This fuel cell kit directly converts ethanol (alcohol) to electricity silently and without any combustion. The device runs non-stop for days, providing an amazing demonstration of next-generation fuel cell technology.</p> <ul style="list-style-type: none"> <li>• Includes Renewable Energy Education Curriculum CD</li> </ul>	6 - 12	2
Item	Description	Grades	Quantity
 <p><b>Solar Hydrogen Education Kit</b></p>	<p>With this set you have freedom to invent your own clean energy applications using fuel cells and renewable hydrogen created using sun and water. This new set is an optimal tool for inspiration and education in classrooms, as kids get to develop their own applications using a zero-carbon fuel.</p> <ul style="list-style-type: none"> <li>• Includes Renewable Energy Education Curriculum CD</li> </ul>	6 - 12	2

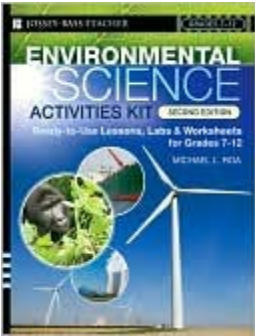
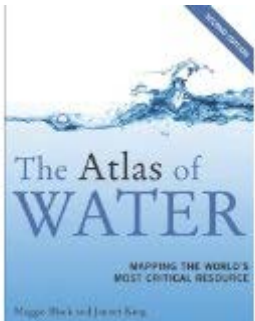


**Middle & High School  
2011- 2012 Toolkit**

Item	Description	Grades	Quantity
<p><b>Hydrocar Education Kit</b></p> 	<p>This vehicle coming straight from the year 2099 is running on clean hydrogen fuel using a next generation reversible Polymer Electrolyte Membrane (PEM) fuel cell. Its new design offers a futuristic feel for what transportation could look like in the next decades. Watch as oxygen and hydrogen gases are formed in two transparent containers in the back of the vehicle. The kit's fuel cell unit combines water electrolysis and fuel cell functions into one device. The car steers independently of the user once it hits a barrier, and cool blue LED lights flash from inside the cockpit.</p> <ul style="list-style-type: none"> <li>• Includes Renewable Energy Education Curriculum CD</li> </ul>	6 - 12	2
Item	Description	Grades	Quantity
<p><b>Smart by Nature: Schooling for Sustainability</b></p> 	<p>What would a green school or an eco-schooling curriculum look like? <i>Smart by Nature: Schooling for Sustainability</i> offers firsthand accounts and strategies for greening campuses, rethinking school food, and transforming schools into model sustainable communities. Rooftop gardens and innovative designs are serving as living laboratories in which educators teach energy conservation, resource management, and earth sciences. Inspiring success stories from public and independent schools across the country. Practical "what you can do" checklists and pages of resources make this a 21<sup>st</sup> century guide for our educational future.</p>	K – 12	1



**Middle & High School  
2011- 2012 Toolkit**

Item	Description	Grades	Quantity
<p><b>Environmental Science Activities Kit: Ready-to-Use Lessons, Labs, and Worksheets</b> by Michael L. Roa</p> 	<p>This timely update of the popular <i>Environmental Science Activities Kit</i> includes more than 35 lessons for middle and high school science teachers on the most compelling and relevant environmental topics, such as global warming, food and water production, alternative energy sources, endangered species, land-use issues, and many more.</p>	7 - 12	1
Item	Description	Grades	Quantity
<p><b>The Atlas of Water, Second Edition: Mapping the World's Most Critical Resource</b> by Maggie Black and Jannet King</p> 	<p>Climate change and an exponential population explosion threaten the world's supply of fresh water, edging us closer to a global water crisis, with dire implications for agriculture, the economy, the environment, and human health. Completely revised and updated since its first edition, <i>The Atlas of Water</i> is a compelling visual guide to the state of this life-sustaining resource. Using vivid graphics, maps, and charts, it explores the complex human interaction with water over time and across the world. This vibrant atlas addresses all the pressing issues concerning water, from human impacts like dams and construction to water shortages and excessive demand, pollution, privatization, and water management. It also outlines critical tools for managing water, providing safe access to water, and preserving the future of the world's water supply.</p>	9 - 12	1