

## 2010-2011 WHRO VideoClassroom Preview

<b>Series Title:</b>	<b>Science Matters</b>
<b>Curriculum Area:</b>	<b>Science</b>
<b>Grades:</b>	<b>7-12</b>
<b># of Programs/Length:</b>	<b>8/30:00 minute programs</b>

Science Matters is designed to educate and inform viewers about science topics relevant to their lives and the world in which we live. Each Science Matters program focuses on essential core concepts, helping bridge conceptual development from the elementary to secondary level. Science Matters helps to prepare today's students for the science careers of tomorrow.

### **1.) Science Matters - Energy Works (Preview Title)**

Focuses on energy as the ability to do work. We learn how energy is the driving force behind everything that happens in the universe.

### **2.) Science Matters - Beyond Earth**

Shows how the Earth fits in the universe. We see what humans have learned about space and how what is left to learn seems endless.

### **3.) Science Matters - A Matter Of The Atom**

Shows how atoms compose the Atom shows how atoms compose the that atoms have everything to do with everything.

### **4.) Science Matters - That's Life**

Shows how cells make up every living thing. We learn about how processes of life are all made possible by cells.

### **5.) Science Matters - Forcing The Issue**

Demonstrates how forces push, pull, and set things in motion. We learn that forces are all around us and how they act on everything.

### **6.) Science Matters - Living Environments**

Shows how environments have biotic and abiotic interactions. We learn that living things have many needs that must be met.

### **7.) Science Matters - Our Changing Planet**

Shows how our planet changes every day. We learn that the Earth is constantly transformed due to forces at work, both inside and out.

### **8.) Science Matters - Scientific Thinking**

Shows how the scientific method has both process and rationale. We learn that science gives us a means by which to invent and discover.