



## **Modeling the Electromagnetic Spectrum: High School**

Please note that all materials for middle school and high school are identical except for the student handout.

### **Demonstration:**

- \* Modeling the Earth-Moon System Demonstration

### **Pre-Assessment Exponents Activity:**

- \* The Exponential Clothesline
- \* The Exponential Clothesline Conversion Table
- \* The Exponential Clothesline Answer Key
- \* Number and Exponent Cards

### **Modeling the Spectrum Activity:**

- \* Student Handout
- \* Model Construction Template
- \* Teacher Guide and Answer Key
- \* Alignment with national standards

### **Assessment: EMR Pasta:**

- \* EMR Pasta demonstration
- \* EMR Pasta task description
- \* Alignment with national standards
- \* Task specific scoring rubric