

Matter & Energy **for 6th Grade Teachers**

This workshop provides the participants with essential teacher background knowledge and is based upon activities selected to illustrate or enhance concepts presented in the **K-7 Science Processes** and the **Grade Six Physical Science Grade Level Content Expectations, Grade 6-Unit 1**.

Does energy have weight? Does energy take up space? These two questions begin this workshop and lead to the understanding that energy makes things move and is the ability to do work.

There are many forms of energy. We will identify the two most important forms of Energy, namely Potential and Kinetic. There will be basic hands on experiments and demonstrations on energy. We will examine the many ways we can transform from one form to another. The energy conversions can link together forming energy chains which form the basis of modern industry and society.

These two concepts will be further investigated with hands on activities that show the relationships between potential and kinetic energy.

Come and let us increase your understanding of energy in a way that you can easily enjoy in a relaxed atmosphere.

February 25, 2010

9:00AM – 3:00PM

Registration Fee: \$50.00 (includes lunch & materials)

Ford Education Center at The Detroit Zoo

8450 West Ten Mile Road

Royal Oak, MI 48067

Register online at www.misd.net

**Contact Deb Wood, Administrative Support, Science
dwood@misd.net or 586-228-3498 for more information**

**.5 SB-CEUs
are available
for this
workshop**

This workshop is presented as part of the Tri-County Collaborative which includes Macomb ISD, Oakland Schools and Wayne RESA.