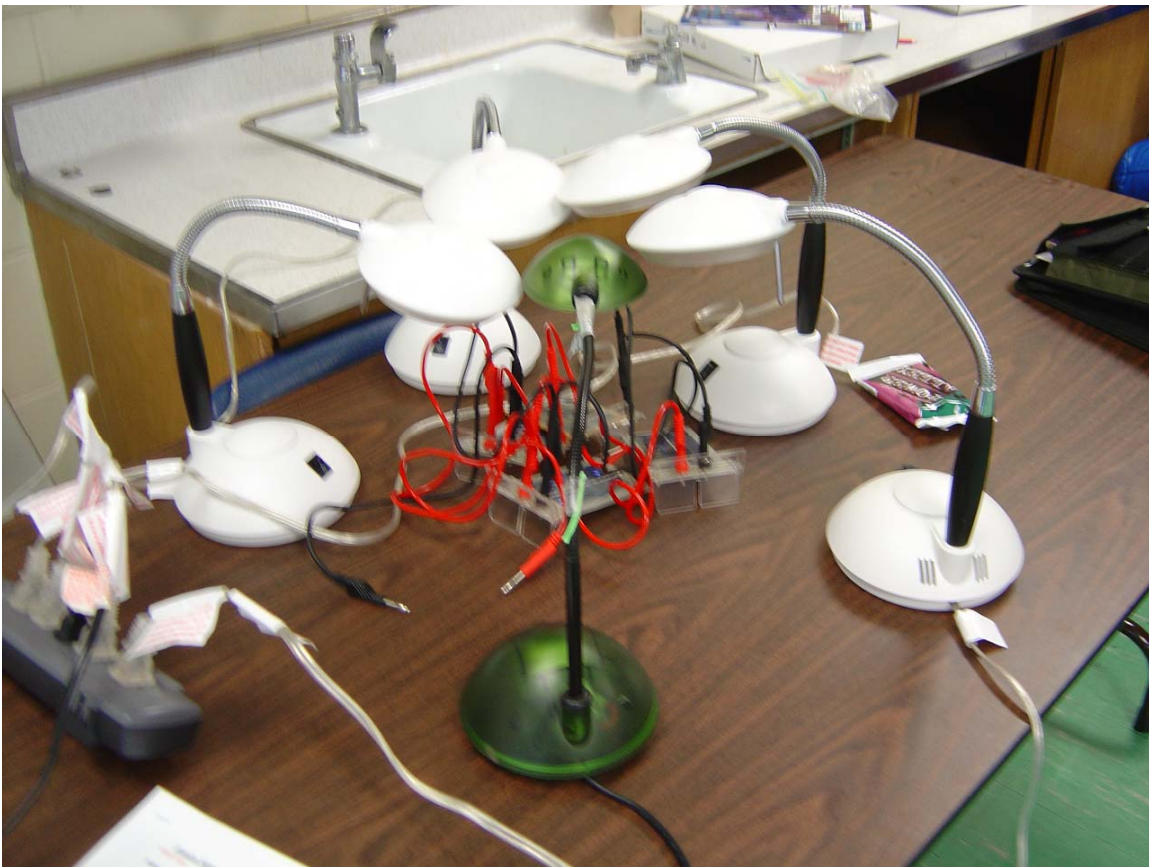


## **After School Programs and Other Activities**

A variety of activities and partnerships have been formed to help provide instruction content for Science, Technology, Engineering, and Mathematics (STEM) topics for Kalamazoo area schools. In addition, volunteers and materials have also been provided to include STEM topics in after-school programs at the Kalamazoo area Boys and Girls and through Kalamazoo Public Schools. Topics have included fuel cell cars, phase change chemistry experiments, constructing and racing solar-powered boats, designing and building electrical circuits, and computer programming.

Additional materials and experiments for K-12 teachers that can be downloaded are included in this EDCSL website.



**Charging up the Solar Cell Chemical Batteries**



**Cars Powered by Solar Cells Are Off and Running**



**“Goo” Experiments during Engineering Week at WMU  
for Middle School Students**



**Phase Change Experiments during Engineering Week at WMU  
for Middle School Students**