

Explore Efficient Energy Uses - <http://www.mrsoshouse.com/ext/enzion.html>

The Visitor Center at Zion Nation Park is located in a desert climate. It was designed to use 70% less energy than a typical building, without costing more to build. Explore this site about how this was accomplished.

Directions: Use the links on the right hand side of the web pages or take the Guided Tour to explore different methods used to conserve or efficiently use energy.

Method 1 _____

Describe how it works _____

Used in your home now? _____ Used in your school now? _____

Method 2 _____

Describe how it works _____

Used in your home now? _____ Used in your school now? _____

Method 3 _____

Describe how it works _____

Used in your home now? _____ Used in your school now? _____

Method 4 _____

Describe how it works _____

Used in your home now? _____ Used in your school now? _____

Method 5 _____

Describe how it works _____

Used in your home now? _____ Used in your school now? _____

Method 6 _____

Describe how it works _____

Used in your home now? _____ Used in your school now? _____

Method 7 _____

Describe how it works _____

Used in your home now? _____ Used in your school now? _____

Method 8 _____

Describe how it works _____

Used in your home now? _____ Used in your school now? _____

Method 9 _____

Describe how it works _____

Used in your home now? _____ Used in your school now? _____

Method 10 _____

Describe how it works _____

Used in your home now? _____ Used in your school now? _____

Identify one method of conservation of energy that could be used in your home or school.

Extra Credit:

1. Use your research skills to identify a form of Alternative energy NOT mentioned in the Zion Center site.

Can it be employed in your community? Explain.

2. The National Renewable Energy Laboratory has created a map that shows average solar radiation per month over regions of the US. **How much would your region receive?**