

The word "sustainable" means that something can meet needs now and in the future. When this is applied to energy use, it means that something can be used to create energy today that will not have a negative impact in the future. Using sustainable energy can preserve the fossil fuel supply for future generations.

The coal supply is permanently reduced when coal is burned for energy. This is because coal, and other fossil fuels like it, is limited. There will be no more when the last of it is used. This type of energy is non-sustainable because when it is used, it impacts the future. Wind and water are sustainable because they can be used to create energy with little impact on the future. There will always be wind and water available to create electricity.

Sustainability is also important when it comes to developing land and growing crops. Farmers are encouraged to practice sustainable agriculture. This means rotating fields and types of crops so the land has time to recover from use. Finding sustainable methods for developing land and growing crops will help preserve the environment.



Project

Go on a "Green Energy" scavenger hunt on the

Internet.

Materials

- tag board
- markers
- glue
- Internet access

Directions

1. Conduct an Internet search for examples of the following sustainable energy sources:
 - biofuels
 - wind energy
 - solar power
 - hydro energy
 - geothermal power
2. Print at least two pictures of examples of each kind of energy (or draw your own pictures).

3. Glue your pictures on tag board, making sure to leave a space for a poster headline and room beneath each picture to label the energy source.
4. Present your poster to the class, explaining what each source is and why it is considered a sustainable energy source.