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Activities

Energy From Wind

Name: _____ Date: _____

As greenhouse gas levels rise from the burning of fossil fuels, getting energy from greener sources like wind becomes even more important. You'll find out how a turbine captures wind energy in this Planet Diary activity.

Directions

- Go to How Wind Turbines Work. Read the introduction, then answer Workspace questions 1 and 2.
- Like all energy sources, wind energy has Advantages and Challenges. Summarize them in questions 3 and 4.
- What is the wind energy potential in your region? Look at this map of Wind Energy Resource Potential. Use the info to answer the last two questions.

Workspace

1. What is the "simple principle" of wind turbines?

2. What is wind energy used for?

3. What are the advantages of wind energy?

4. What are the challenges of wind energy?

5. On the map, which colors show the greatest potential for using wind energy? Where are they located?

6. Describe the wind energy potential in your area.

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