Heating a Home

Procedure

1. Collaborate With a small group, discuss ways that people heat their homes. Common sources for home heating include electricity, natural gas, and oil. Other sources are propane, solar power, and geothermal power.

2. Research Research one type of home heating at the library or on the Internet. Find its costs, advantages and disadvantages to the homeowner, and its effect on the environment.

3. Compare Interview your parent, guardian, or other adult about home heating. Ask if they are satisfied with the cost and quality. Ask if they would switch heating sources if they could. Compare the information you learn from the interview to your other research. Record your notes.

4. Communicate Share your research findings with your group.
Conclusion

1. **Analyze** Which source of home heating do you think is the best choice in your community? Explain your reasoning.

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2. **Infer** Do you think people in your community understand the facts about home heating? Explain why or why not.

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3. **Communicate** Work with your group to present your findings in a written report. You may include pictures, charts, or graphs to illustrate your points.

Experiment

With your parents or guardian, think of five ways your family could spend less money on energy. **Predict** how effective these steps would be. Carry out your plan and observe the results.

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