Energy Investigations

Name _____

Energy Source to Investigate: _____

Team Members: _____

Your Tasks:

- Research your topic independently or with a team member
- Use the Investigation Activity Log to keep records of how and when you spent time working on your project
- Take careful notes as you learn about your topic
- Create at least one thinking map related to your topic
- Keep a simple bibliography of any information sources you use
- Find out what percent of the world s energy comes from your particular area
- Collaborate with your group to present a 15-20 minute lesson to the class on this energy source
- After all presentations are complete, make a prediction about what percent of the world s energy will come from each source in the future

Presentation Requirements:

- Everyone must participate
- Tell what the source is, interesting facts about it, how it works, its advantages, and its disadvantages
- Use visual aids (posters, overhead transparencies, diagrams, models, demonstrations, etc.)

Grading Criteria:

- Amount and quality of independent research (according to Log and notes)
- Oral presentation
- Thinking Map
- Prediction for the future

Investigation Activity Log

Date	Info Source	Description of My Activities

Interesting Facts About the Energy Source

How This Energy Source Works

Advantages of this Energy Source

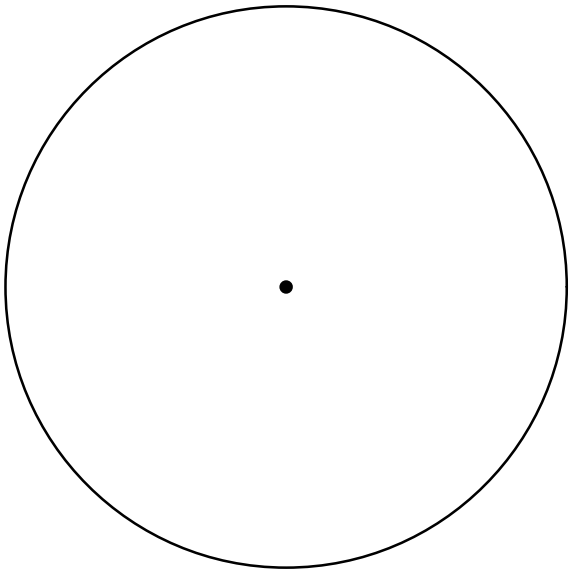
Disadvantages of this Energy Source

My Information Sources (Bibliography)

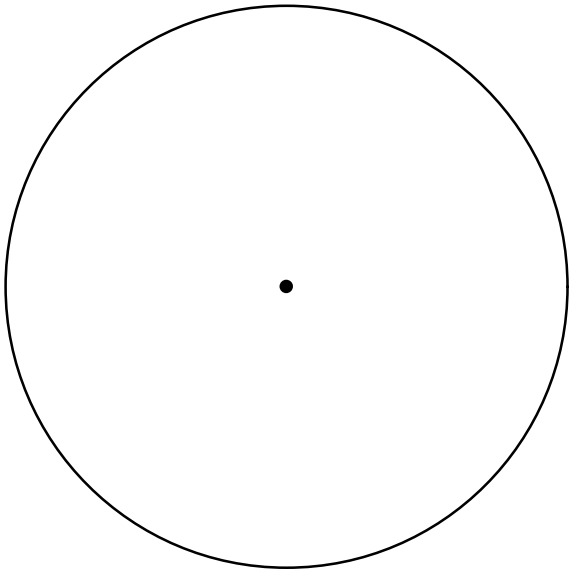
Thinking Map About the Energy Source

Energy Predictions

Current Energy Use



My Predictions for 2100



Briefly explain your energy use predictions for the year 2100.