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
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<tr>
<th>Date</th>
<th>Info Source</th>
<th>Description of My Activities</th>
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Created by Laura Candler - Teaching Resources - www.lauracandler.com
Interesting Facts About the Energy Source

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Advantages of this Energy Source
Disadvantages of this Energy Source

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My Information Sources (Bibliography)

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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.