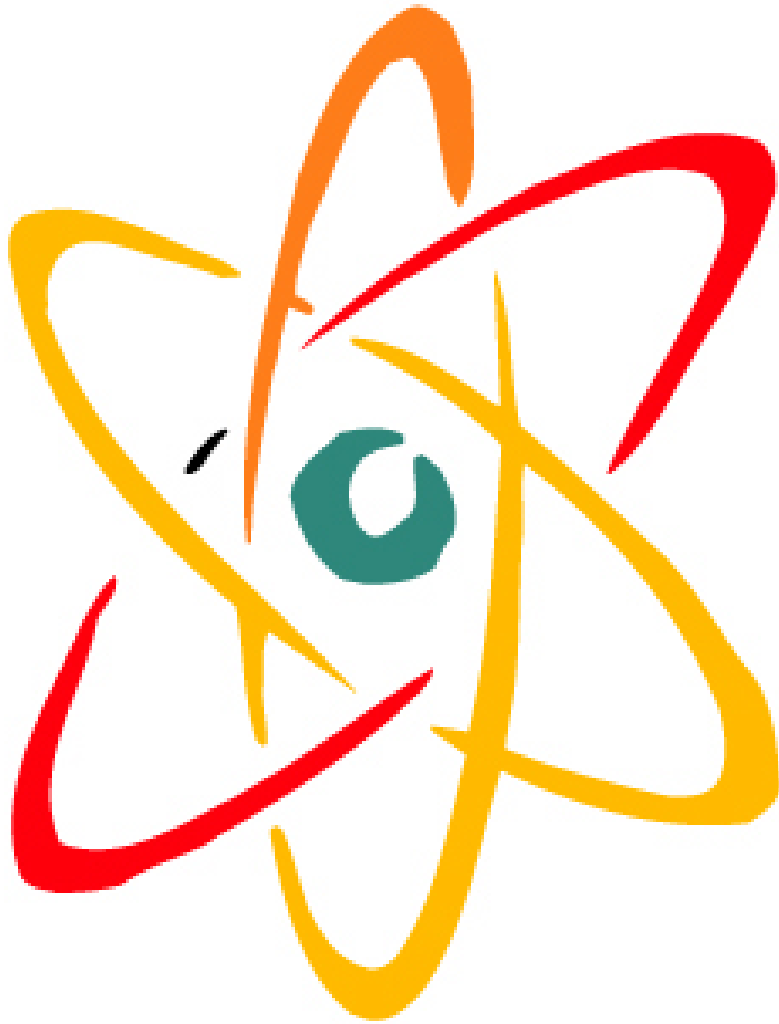


Name: _____

Date: _____

2005



Energy Fair Journal

Name: _____

Date: _____

Lemon Power

1. Can a lemon power a light bulb?
2. How many volts does one lemon produce?
3. Can lemons power a light bulb? If so how?
4. How many volts do three lemons in a series produce?
5. Predict what would happen if you added more lemons to the series?

Name: _____

Date: _____

Pinwheel

1. How does the pinwheel work when you blow on it from the
 - a. Front
 - b. Back
 - c. Left Side
 - d. Right side

2. From which direction does the pinwheel move the best?

3. How could you make the pinwheel move faster?

Name: _____

Date: _____

Racers

1. How does a rubber band move the race car?

2. Racer Trials

Trial	Rotations	Distance Moved

3. What would happen if you could spin the racer wheel 20 times, how far would the racer go?

Name: _____

Date: _____

Water Turbine

1. How can water make energy?
2. What happens when water falls onto the paddles of the water turbine?
3. How could you make the wheel turn faster, or slower?
4. Where might you see water being used to create energy?