Name:	Date:	Period:
Climate Change	WILDFIRE:	and Wildfire

MODEL	BEGINNING MASS (g)	END MASS (g)	MASS OF WATER LOST (g)	END TEMPERATURE (° C)	OBSERVATIONS FROM BURNING
<b>CONTROL:</b> Room Temperature					
<b>CONTROL:</b> Climate Change					
YOUR MODEL: Climate Change + 1 variable change					

## **EXPERIMENT SET UP**

A. Circle the variable you will change.

More Grass More Shrubs More Trees

Less Grass Fewer Shrubs Fewer Trees Less Water

More Water

B. Build your ecosystem model, changing the variable you circled above.

Control Model:	My Model:	
1 small aluminum pie plate	1 small aluminum pie plate	
1/2 cup of sand	1/2 cup of sand	
1 spoonful of paper shreds (grass)	paper shreds (grass)	
1 cotton ball pulled apart into about 12 pieces (shrubs)	cotton balls	
15 toothpicks (trees)	toothpicks (trees)	
5 sprays of water	sprays of water	

- C. After spraying your model with water, take the mass and record it in the table above.
- D. Place your model under a lamp, and place a thermometer next to your model.
- E. Fill out the model description and place it next to your model.
- F. Answer questions 1-3 on page 2.