

Record Sheet : Is it drafty in here?

You will warm up the house with the light bulb, shut off the light and watch how quickly the temperature drops. You'll do this again, but will turn on the fan once the light bulb is shut off. The third time you'll use the fan again but will cover the "leaks" in the house.

Predict: How do you think the temperature change in the house will differ between these three experiments? _____

Experiment #1- Without fan

Time	Temperature (°F)
Starting Temp (highest temperature)	
1 minute	
2 minutes	
3 minutes	
Total change in temp.	

Experiment #2- With fan and leaks

Time	Temperature (°F)
Starting Temp (highest temperature)	
1 minute	
2 minutes	
3 minutes	
Total change in temp.	

Experiment #3- With fan, leaks "sealed"

Time	Temperature (°F)
Starting Temp (highest temperature)	
1 minute	
2 minutes	
3 minutes	
Total change in temp.	