

# Instructions for “The Mystery of the Burned Towel” Essay

For your chemistry essay on “The Mystery of the Burned Towel”, you will make a **Claim**, provide 3 pieces of **Evidence**, and for each piece of evidence provide your **Reasoning**. This is called a CER essay. This essay should be 5 paragraphs, with an introductory paragraph and a conclusion, both of which can be shorter (min 3 sentences). You will present one piece of evidence for each body paragraph and then explain why that evidence supports your claim (these should be a min of 4 sentences each). As you walk through your reasoning, use some of the suggested vocabulary words below. You don’t have to use them all! Just use some where it makes sense to help with being specific.

Liquid  
Vapor  
State of matter  
Physical property  
Chemical property  
Physical change  
Chemical change  
Compound

Solution  
Gas Chromatography/Mass Spectrometry  
Graph  
Qualitative data  
Quantitative data  
Flammable  
Substance  
Accuracy

