



**UNIT: H08A TITLE: Fire Environment Triangle and Fire Spread**

TYPE: Rubric

**Rubric (20 points possible)**

Points	0	1	2	3	4	5
<b>Hypothesis</b>	No hypothesis	General experimental question	Hypothesis with stated relationship between variables (testable)			
<b>Independent &amp; Dependent Variables</b>	No variables mentioned	One variable mentioned	One variable mentioned and how it was varied or measured			
<b>Procedure</b>	No procedure described	Procedure described with <b>1 of the 5</b> steps listed below the rubric	Procedure described with <b>2 of the 5</b> steps listed below the rubric	Procedure described with <b>3 of the 5</b> steps listed below the rubric	Procedure described with <b>4 of the 5</b> steps listed below the rubric	Procedure described with <b>5 of the 5</b> steps listed below the rubric
<b>Results</b>	No results presented	Results described without a graph regardless of detail	Results presented with a graph but no comments about correlation or threshold	Results presented with a graph with comments about <b>EITHER</b> correlation <b>OR</b> threshold	Results presented with a graph with comments about <b>BOTH</b> correlation <b>AND</b> threshold	
<b>Conclusion</b>	No conclusion	Conclusion not in CER format	Conclusion with one CER component	Conclusion with two CER components	Conclusion with three CER components	

**5 General Procedure Steps:**

- Description of student roles
- How the independent variable was changed (could be mentioned in the “variables” part of the presentation; mention in the “procedure” is sufficient for “variables” points)
- Which matches were lit with the stove lighter
- How and **when** the measurements were taken/made (could be mentioned in the “variables” part of the presentation; a mention in the “procedure” is sufficient for “variables” points)

→ Partial description of at least two trials must be included

**Presentation Score Sheet/Checklist**

Group Name	Hypothesis	Ind. & Dep. Variables	Procedure	Results	Conclusion	Total Score

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