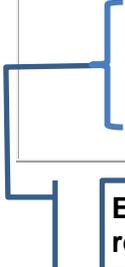


Candles: Part 1 Assignment Rubric
LT: Identify the forms of energy involved with making candles.

	Innovation 4	Mastery 3 READ FIRST!	Progressing 2	Emerging 1
Drawing with captions	Clear, accurate, detailed diagrams are included which demonstrate an advanced understanding of the event. Diagrams include labels and captions which accurately replicate the event with <u>extended</u> detail and demonstrate a comprehensive description of 2 additional identifications of forms of energy involved with making a candle.	Diagrams are included and are labeled neatly and accurately. 5 forms of energy <u>must</u> be identified AND a description of how it was observed	Diagrams are labeled and include captions, but only identified 4 of the 5 forms identified for a level 3-proficient response.	Needed diagrams are missing OR are missing important labels and captions which identify only 3 (or less) of the 5 forms listed for a 3 level-proficient response.
Summary Paragraph	Paragraph illustrates an advanced understanding of forms of energy involved with candle making. In addition to the 5 forms required for a level 3-mastery response, 2 other cases must be discussed. They may include those identified in the drawing/captions section or may include topics like the <u>chemical</u> energy burned (<u>heat</u>) in coal-fired power plant to make steam which moves magnets within a coil of wires (<u>mechanical</u>) to generate the flow of electrons (<u>electricity</u>) that power the hot plate.	Summary paragraph illustrates an accurate and thorough understanding of scientific concepts underlying the lab. The five forms of energy (see above) must be included in the discussion.	Paragraph includes a thorough discussion of 4 out of the 5 forms identified for a level 3-proficient response. The form and the evidence must be included.	Paragraph includes a thorough discussion of 3 (or less) of the 5 forms identified for a level 3-proficient response. The form and the evidence must be included.



Example of an extension that is related but not directly tied to candles