Burning a Candle

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1. Introduction

This exercise was adapted from:

Jonathan Osbome, Sibel Erduran, Shirley Simon, *Ideas, Evidence & Argument in Science* (IDEAS), King's College London, 2004, pp.7-11, <u>https://www.stem.org.uk/elibrary/collection/3308</u> <u>https://www.stem.org.uk/resources/elibrary/resource/28125/ideas-resources</u>

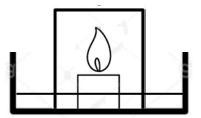
The aim of this exercise is to develop evidence-based argumentations about combustion. Section 2 presents the inquiry and Section 3 presents the corresponding argumentation developed with the sInvestigator system.

sInvestigator may be downloaded from http://lac.gmu.edu/sInvestigator/

The knowledge base containing the argumentations may be downloaded from http://lac.gmu.edu/sInvestigator/CaseStudies.html

2. Inquiries

Develop an argumentation that explains why does the candle burn out when it is covered with a glass, as illustrated in the following figure:



Develop an argumentation that explains what happens to the water level inside the container.

3. Argumentations

