

A twist on the candle mystery

Activity 3 Worksheet: Further investigation

Part 1

1. Watch the demonstration carefully.

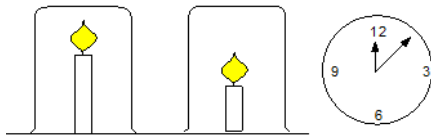


Image courtesy of the author

2. In your groups discuss and complete the questions given below.

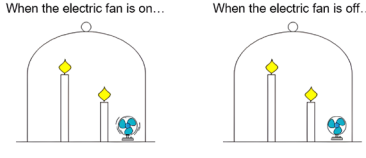

(a) What do you observe?

(b) Compared to the observations of the experiment in Activity 1, what do you notice?

(c) How would you explain what you observed?

Part 2

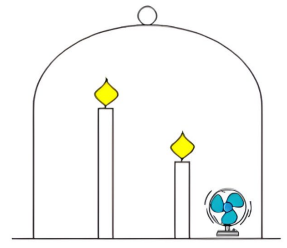
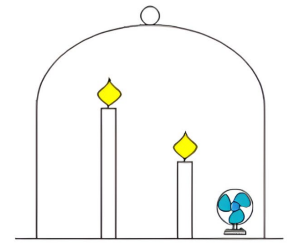
1. Watch the demonstration carefully.

<p>When the electric fan is on... When the electric fan is off...</p> 	 <p>https://youtu.be/U0ljmrI5SnM</p>
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2. Answer the following question:

When the electric fan is on, why do the candles go out at similar times?

You may use words and diagrams to develop your explanation.

<p>When the electric fan is on...</p> 	<p>When the electric fan is off...</p> 
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Images courtesy of the author