

Candlelight Journey Through The 3 States Of Matter




Materials Per Student: notebook paper. Also needed: candle and lighter

Procedure:

1. Title the paper “Candle Observations”
2. Light candles. Warn students about your expectations of their behavior around the flame.
3. Turn off classroom lights.
4. Make observations for 5 minutes.
5. Have each student share 1 observation.
6. Use those to lead into the two main points for today about the States of Matter-
 - a. **Nothing changes chemically** when atoms change state
 - b. **Energy causes change**
7. If you can, have students make a set of drawings that show what the atoms in a solid, liquid, and gas look like, along with captions.

Caution: Keep flammables, loose clothing, hair, and hands well away from the flame. Locate all fire safety equipment and be familiar with their operating procedure BEFORE class begins. Comply with all fire codes in your building. Keep matches and lighters out of student reach. Blow out candles as soon as the lesson is over.

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- Videos- where I show you how to present each lesson

- Teacher Notes

- PowerPoints

- Student Handouts
