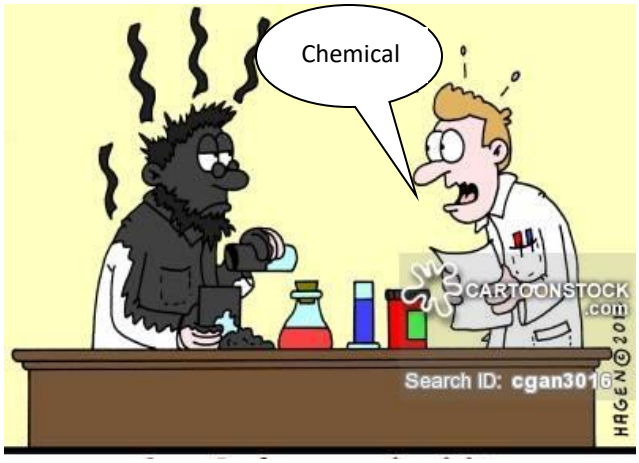
Physical and Chemical Changes /25

Name: _____

Partner(s): _____



In this activity you will make careful observations of chemical and physical changes.

Question:

Can you differentiate between chemical and physical changes in the lab?

Safety:

- **Never taste** or eat anything in the science room.
- Wash your hands and equipment thoroughly before and after completing this activity
- Goggles must be warn at all times

Materials:

- All materials are located at the different stations. Read the procedure through to understand what you need and how to use it.

Some pre lab brain activity (2 marks):

What should you look for to see if something goes through a physical change?

_____

_____

_____

What should you look for to see if something goes through a chemical change?

_____

_____

_____

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Analysis:

1. What physical changes did you observe? For each one describe the observations that provide evidence of a physical change.

_____

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2. What chemical changes did you observe? For each one describe the observations that provide evidence of a chemical change.

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_____

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Conclusion:

1. Which changes were difficult to classify, and why? What further tests would have helped?

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_____

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2. Summarize the types of evidence that someone can use to identify physical changes and chemical changes.

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3. Describe a situation where you would have both a physical and chemical change.

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