Name:

Mrs. Matson and Mrs. Holder Science

Physical and Chemical Changes in Matter Webquest

# TASK #1

**Read about Physical/Chemical Change and take notes from the website below.** [**http://nobel.scas.bcit.ca/chem0010/unit2/2.3\_changes.htm#**](http://nobel.scas.bcit.ca/chem0010/unit2/2.3_changes.htm)

1. What is a physical change?
2. Name 3 examples of physical changes. a.

b.

c.

1. What is a chemical change?
2. Name 3 examples of chemical changes. a.

b.

c.

**Task #2**

**Go to** [**http://www.chem4kids.com/files/matter\_chemphys.html**](http://www.chem4kids.com/files/matter_chemphys.html) **After reading the information at this site answer these questions** How can you cause a physical change?

What would be an example of a chemical change that took a long time to occur?

Why are chemical changes considered “unseen”?

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# TASK #3

**Melting/heating Experiment – This one is a challenge. You can start it from beginning as many times as necessary to help you see the change in temperature.**

[**http://www.harcourtschool.com/activity/hotplate/index.html**](http://www.harcourtschool.com/activity/hotplate/index.html)

Once on this site, select the pink or the green material.

(Circle which one you selected.) Pink Green What was the melting point?

What was the boiling point?

Do you think the melting and boiling point is the same for the other material?

Try it out!! Considering what you know about matter, why do you think that different substances have different melting and boiling points

# TASK # 4

**Take this quiz to test your knowledge on physical/chemical changes:**

<http://www.quia.com/quiz/303980.html> SCORE: