

Differentiate between physical and chemical changes.

<b>PHYSICAL CHANGES</b>	<b>CHEMICAL CHANGES</b>

Bread is baked.	Boiling water evaporates.	A rock is smashed into pieces.
An old nail gets rusty.	A frozen treat melts.	An egg is cooked.



Differentiate between physical and chemical changes.

PHYSICAL CHANGES	CHEMICAL CHANGES
The molecular structure remains the same.	The molecular structure has changed.
It is the same substance with a different shape.	A new substance is formed.

<b>Chemical</b>  Bread is baked.	<b>Physical</b>  Boiling water evaporates.	<b>Physical</b>  A rock is smashed into pieces.
<b>Chemical</b>  An old nail gets rusty.	<b>Physical</b>  A frozen treat melts.	<b>Chemical</b>  An egg is cooked.

*Melt butter than fry an egg in it. Discuss that the butter melting was a physical change but the egg frying was a chemical change since different molecules were formed by the action.. Make a list of activities done during a day and whether they consist of physical or chemical changes. The kitchen, garden, and garage may provide numerous*

## Chemistry 8 Information Pieces

<b>CHEMICAL</b> C-8
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<b>PHYSICAL</b> C-8
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*To Make Your MatchCard more durable:*

- 1. Put the student MatchCard and instructor MatchCard back to back in a clear plastic page protector.*
- 2. Laminate the information pieces. Or you can make them sturdier by covering the paper with transparent tape prior to cutting the pieces out.*
- 3. For more ideas on how to use the MatchCards, and for keeping a notebook for review, see the Instructor's Guide.*