

Physical vs Chemical Change Chapter #6

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9:55 AM

Physical

- no new product is formed
- change of state
- easily reversible
- changes the speed or spacing between molecules.

ex. freezing, melting, boiling, dissolving...

Chemical

- a new substance is formed which has different properties to the starting substance
- new color may appear
- heat or light given off
- bubbles of gas
- often difficult to reverse.

Exothermic reaction

- energy released to form products
- usually see an \uparrow in temp.

Endothermic reaction

- energy absorbed to form products
- usually see a \downarrow in temp.