

Directions: Use the word bank below to complete the "Ways Matter Can Change" table

Word Bank (words may be used more than once):

solid liquid gas heat flames irreversible chemically hot

## Ways Matter Can Change

### Physically

|                 |  |
|-----------------|--|
| Adding Energy   | Adding heat to the matter, making it _____   |
| Melting         | The process of a _____ changing to a _____.  |
| Evaporating     | The process of a liquid changing into a vapor or _____   |
| Removing Energy | Removing _____ from the matter, making it colder.  |
| Condensing      | The process of _____ changing to liquid. (The process by which water vapor changes into water droplets and clouds) |
| Freezing        | The conversion of a _____ to a _____.  |

### Chemically

|           |   |
|-----------|---|
| Burning   | _____ and intense heat leave behind ashes                   |
| Cooking   | The _____ change takes place from one substance to another. |
| Reactions | 2 or more elements _____ reacting to form a new substance.  |

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