

Task 1

CW 1-2 - Physical and Chemical Changes

| Experiment               | Reversible or irreversible? |
|--------------------------|-----------------------------|
| Ice cube melting         |                             |
| Water boiling            |                             |
| Burning candle           |                             |
| Burning toast            |                             |
| Dissolving salt in water |                             |
| Exploding fireworks      |                             |
| Burning spirit           |                             |
| Rusting iron             |                             |
| Cutting paper            |                             |

## Chemical Change Experiment

Student Name: \_\_\_\_\_

### Task

Use your knowledge of chemical reactions to design and carry out an experiment to show a chemical change.  
Work as part of your group to:  
research potential chemical reactions,  
design your experiment,  
decide what materials are needed,  
gather your equipment and carry out the investigation,  
discuss how you could improve your experiment design.

Conclusion:

to draw a diagram of how your will

CW 1-2 - Physical and Chemical Changes

| Reversible or irreversible? | Physical or chemical change? |
|-----------------------------|------------------------------|
| Reversible                  | Physical                     |
| Reversible                  | Physical                     |
| Irreversible                | Chemical                     |
| Irreversible                | Chemical                     |
| Reversible                  | Physical                     |
| Irreversible                | Chemical                     |
| Irreversible                | Chemical                     |
| Irreversible                | Chemical                     |
| Reversible                  | Physical                     |

Task 2

Are these statements true or false?

1. Atoms can be split.
2. Burning is a chemical change.

## Physical and Chemical Changes

## Learning Outcomes

Students should be able to:

CW1

Investigate whether mass is unchanged when chemical and physical changes take place

CW2

develop and use models to describe the atomic nature of matter; demonstrate how they provide a way to account for the conservation of mass in physical change, chemical change

# Lesson Plans On Chemical And Physical Changes

**DJ Losen**



## **Lesson Plans On Chemical And Physical Changes:**

## **Lesson Plans On Chemical And Physical Changes** Book Review: Unveiling the Power of Words

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