



Understand that a chemical change alters a molecule permanently

Explain if the items have undergone a permanent or temporary change.
Then explain if the molecules have changed.



cutting an apple

This is a *permanent* / *temporary* change because...

Explain if the molecules have changed.



digesting food

This is a *permanent* / *temporary* change because...

Explain if the molecules have changed.



fireworks
exploding

This is a *permanent* / *temporary* change because...

Explain if the molecules have changed.



melting ice cream

This is a *permanent* / *temporary* change because...

Explain if the molecules have changed.



making toast

This is a *permanent* / *temporary* change because...

Explain if the molecules have changed.



Understand that a chemical change alters a molecule permanently

Explain if the items have undergone a permanent or temporary change.
Then explain if the molecules have changed.



boiling water

This is a *permanent / temporary* change because...

Explain if the molecules have changed.



burning match

This is a *permanent / temporary* change because...

Explain if the molecules have changed.



rusting nails

This is a *permanent / temporary* change because...

Explain if the molecules have changed.



melting wax

This is a *permanent / temporary* change because...

Explain if the molecules have changed.



breaking glass

This is a *permanent / temporary* change because...

Explain if the molecules have changed.
