

Chemical Reactions

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Chemical Reaction -- A _____ in which some substances _____ into different substances.

Ex: Magnesium + _____ → Magnesium Oxide

Chemical Equations

_____ – starting substance

On _____

Products – _____ substance... what is

_____.

On _____

_____ → Products

Law of Conservation of Matter

Matter _____ be created or _____.

Atoms are just _____.

Rate of Reaction

Rate of Reaction: _____ at which a chemical _____ happens.

Factors affecting _____ of _____

_____ -- the _____ of substance present.

Higher concentration = _____ reaction

Rate of Reaction (continued)

_____ area – the amount of area on the
outside of an object.

_____ surface area=_____ reaction

_____ – the speed in which particles
move.

_____ temperature=_____
reaction

_____ – A substance that _____ the
reactants together.

The _____ doesn't change.

_____ – the amount of space a substance
has to move in.

_____ pressure=_____ reaction

Agitation- _____ molecules

More _____ =faster _____