Year 8 Chemistry 5	Spring Term /	Reactions
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	Substances that:
catalyst	Speed up chemical reactions.
	but
cat / a / lyst	Are unchanged at the end.

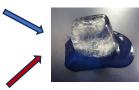
Chemical reaction in which: A substance reacts quickly with oxygen and gives out light and heat com / bus / tion Also known as burning

conversation of mass Chemical reaction where: Total mass of reactants is equal to total mass of products.

conserved	When the quantity of something
	Does not change after a process takes place.
con / served	

endothermic reaction

Takes in energy, usually as heat:



Transfers energy from the surroundings

en / do / therm / ic

re /ac/ tion

exothermic reaction

Gives out energy, usually as heat or light.





/

ex / o / therm / ic

re / ac/ tion

Substances that are

Formed in a chemical reaction.

Transfers energy to the surroundings

2H₂ + (

 $_{2} \rightarrow$

2H₂(

reactants

product

reactants

products

Substances that are

Formed in a chemical reaction.

2H₂ +

reactants

 $0_2 \rightarrow$

2H₂C

re /ac/tants

product

thermal decomposition

A chemical reaction in which

A compound breaks down on heating to form more than one product.

ther/mal de/com/po/si/tion