

Science 1.8 AS 90947 Investigate selected chemical reactions

Justifying your choice of reaction

Success Criteria: complete each level before moving onto the next

- o Basic: label each reaction type
- o Proficient: fill in the missing words for each justification of a reaction type
- o Advanced: write an example with **reactants and products** for each reaction

Reaction types to select from are: displacement, precipitation, combination, thermal decomposition

	1. Sodium carbonate is heated.		
energy into orsmaller substances. Example:	Reaction type:		
2. Magnesium metal is burnt in oxygen. Reaction type:			
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Justification: these reactions occur when reactants to for product. Example: 3. silver nitrate solution is added to sodium chloride solution. Reaction type: react together to form a that settles out of the solution. The solid formed is called the			
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Example:	ustification: these reactions occur when two react together to form a that settles out of the solution. The solid formed is called the		
Example:	Example:		
4. zinc metal is placed in a solution of lead nitrate.			
Reaction type:	Reaction type:		
Justification: these reactions occur when a and salt (compounds of the more metal replaces the in the same compounds of the more and salt (compounds of the more in the same compounds of the more and salt (compounds of the more in the same compounds of the more and salt (compounds of the more in the same compounds of the more and salt (compounds of the more in the same compounds of the more			
Example:	Example:		