

Keywords

Write C next to the chemical changes and P next to the physical changes below:	C1 Particles	Links
Frying an eqgMelting an ice cubeDissolving salt in waterMaking a cup of teaBaking a cakePlants growingRespirationCutting the grass	C1 The Particle Model	<ul> <li>→</li> <li>1.2 Atomic Structure</li> <li>2.1 Purity and Separating Substances</li> <li>5.1 Controlling Reactions</li> </ul>
What might you observe if a chemical reaction was occurring? 1. 2. 3.	Why is it easier to separate a mi to separate the oxygen and hy	ixture of hydrogen molecules and oxygen molecules than drogen atoms in water?
Draw a particle diagram       Draw a particle diagram         showing water       showing hydrogen gas         evaporating       reacting with oxygen gas to         Similarities       Similarities	Draw a particle diagram for an element	Draw a particle diagram for a compound for a mixture
Differences	When metals and non-metals re oxygen, how are the oxides tha different?	What are the typical properties of metals? What are the typical properties of non- metals?

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