

acid ac / id	Solution With Ph value less than 7
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alkali al / ka / li	A soluble base
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base	Substance That neutralises an acid (those that dissolve in water are called alkalis)
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chemical reaction chem / i / cal re / ac / tion	A change in which Atoms are rearranged to create new substances
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<p>concentrated</p> <p>con / cen / tra / ted</p>	<p>Where a solution has</p> <p>A larger number of solute particles per unit volume (litre or cubic metre)</p>
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<p>corrosive</p> <p>cor / ro / sive</p>	<p>Substance</p> <p>Can burn your skin or eyes</p>
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<p>dilute</p> <p>di / lute</p>	<p>When a solution has</p> <p>A smaller number of solute particles per unit volume (litre or cubic metre)</p>
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<p>displacement</p> <p>dis / place / ment</p>	<p>Reaction in a compound</p> <p>Where more reactive metal takes the place of a less reactive metal</p>
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<p>element</p> <p>el / e / ment</p>	<p>Substance</p> <p>Cannot be broken down into other substances.</p>
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<p>neutralisation</p> <p>neu / tral/ i / sa/ tion</p>	<p>Neutralisation reaction</p> <p>An acid cancels out a base or A base cancels out an acid</p>
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<p>oxidation</p> <p>ox / i / da / tion</p>	<p>Chemical reaction</p> <p>Where a substance combines with oxygen</p>
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<p>oxide</p> <p>ox / ide</p>	<p>Substance made up of a</p> <p>Metal or non-metal element joined to oxygen</p>
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pH scale	<p>Shows if a substance is acidic, alkaline, or neutral.</p> <p>Acid pH between 0 – 7</p> <p>Alkaline between pH 7 – 14</p> <p>Neutral solution is pH7</p>
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physical change	<p>Change</p> <p>Reversible as new substances are not made.</p> <p>Examples of physical changes changes of state and dissolving</p>
phys / i / cal change	

product	<p>Substance made</p> <p>In a chemical reaction</p>
prod / uct	

reactant	<p>Starting substance in</p> <p>Chemical reaction</p>
re / ac / tant	

<p>reactivity</p> <p>re / ac / tiv / i / ty</p>	<p>Tendency of a substance to</p> <p>Undergo a chemical reaction</p>
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<p>reversible</p> <p>re / ver / si / ble</p>	<p>Change</p> <p>Possible to get back to original substance.</p> <p>Examples</p> <p>Dissolving Change of state</p>
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<p>salt</p>	<p>Compound</p> <p>Possible to get back to original substance.</p> <p>Examples</p> <p>Dissolving Change of state</p>
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