

## Good, but could be better

	Stages	Teacher-student exchanges
Teacher	<b>Prepare sentence</b>	Please pay attention to the first two sentences under the section B as well as the chemical equation below. These two sentences describe what reactants and products are in a neutralisation reaction 'the acid and alkali have undergone a reaction. They are called reactants. A salt and water are formed in the reaction. They are called the products.'
Student Teacher	Focus Identify Affirm	[ <i>student name</i> ] What are the reactants in a neutralization reaction? Acid and alkali. Exactly.
Student Teacher	Focus Identify Affirm	[ <i>student name</i> ] What are the products in a neutralization reaction? Salt and water. Right.
Teacher	<b>Elaborate</b>	Once again have a look at the chemical equation in section B. Neutralization occurs when acid and an alkali react with each other to form a salt and water. [point at the equation] The reactants are shown on the left side, and the products are shown on the right side.  For example, when we brush our teeth with toothpaste, the alkali in the toothpaste reacts with the acids produced by the bacteria in our mouth. They are converted into a salt and water, so our teeth are cleaned. This is one application of neutralisation mentioned in the "key concept highlight" box.

## Improved from the first example

	Stages	Teacher-student exchanges
Teacher	Prepare	<p>Look at the first two sentences under the section B. OK? Section B, first two sentences. <b>(switches to Chinese; with some English words underlined)</b></p> <p>These two sentences describe what <u>reactants</u> and <u>products</u> are in a <u>neutralization reaction</u>. <u>“Acid and alkali have undergone a reaction. They are called reactants. A salt and water are formed in the reaction. They are called the products.”</u></p> <p><b>Goes to board and writes:</b> “REACTANTS: acid + alkali. Arrow PRODUCTS: salt and water.”</p> <p><b>(switches to Chinese) Understand?</b> When acid and alkali react, they form salt and water.</p> <p><b>(writes in English on board the nominalization)</b> - “The <u>reaction</u> (N) of acid and alkali <u>produces</u> (VB) salt and water.” - “When acid and alkali <u>react</u> (VB), the <u>products</u> (N) are salt and water.”</p> <p>(explains in English) OK? Reaction / react. Product / produce. Please pay attention to the nouns and verbs.</p>
	Focus	(switches to Chinese) OK, I want to check you understood. (switches to English) <i>What are the reactants in a neutralization reaction?</i>
	Identify	Acid and alkali
Student		
Teacher	Affirm	Exactly. (switches to Chinese, with one English word) And when they react, they <b>neutralize</b> each other. OK? They take the “bite” out of one another.

