

You can assess yourself on one strand: AF1.

	AF1 Thinking scientifically
3	<p><i>To reach this level I could have:</i></p> <p>a said that acids and antacids are ‘opposite’ to each other.</p> <p>b explained that antacids can be used to relieve the symptoms of indigestion because they cancel out some acid in the stomach.</p> <p>c made or suggested a simple model to show how antacids are opposite to acids, e.g. using two different colours of Lego[®].</p> <p>d described some evidence I have seen or looked up to support the idea that antacids can cancel out acids.</p>



	AF1 Thinking scientifically
4	<p><i>To reach this level I could have:</i></p> <p>a explained that antacids contain an alkali, or base, that will neutralise acid in the stomach.</p> <p>b used a model to explained that antacids effectively cancel out the stomach acid because the two substances react together, e.g. by Lego[®] bricks of opposite colours joining together.</p> <p>c used evidence from experiments that I have done or found out about to show that antacids react with alkalis to produce a neutral products.</p>



	AF1 Thinking scientifically
5	<p><i>To reach this level I could have:</i></p> <p>a used an imaginary model to explain how acids and alkalis react, e.g. by comparing this to a shell hitting a target and both the shell and target being destroyed.</p> <p>b used the equation for neutralisation to explain why antacids neutralise stomach acid.</p> <p>c pointed out scientific questions that do not yet have answers, e.g. there are many possible causes of indigestion and we don’t know what they all are yet.</p> <p>d pointed out that antacids must be trialled before they can be sold, to find out if they are safe and effective.</p>

