

Upper 3 Learn how to test for different gases



Upper 3 have been learning how to test for three key gases – carbon dioxide, hydrogen and oxygen. They have different properties and so this has allowed them to use different methods to identify the gases. Carbon dioxide reacts with calcium hydroxide, known as ‘limewater’ (although it doesn’t contain any limes!) and turns the solution cloudy. Hydrogen is highly flammable so makes a squeaky pop sound when a lit splint is put in it. Oxygen is essential for burning so a glowing splint is used which will instantly re-light. To check they could remember these tests they played a memory game.

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