

Colour by pH - addition

Print me out and colour me in, using the pH scale and sums as a guide to the correct colours!

Scientists use the pH scale to measure how acidic or alkaline liquids are. Lemons taste sharp because they're acidic - about pH 2. Water is neutral and is pH 7. Very few liquids that are alkaline are safe to drink. Sea water is an example of an alkali and is about pH 8 and many household cleaning products range from pH 8 -14.

When a substance called Universal Indicator is added to liquids, a different colour is generated depending on their pH. Solve the addition sums and use the pH scale as a guide to colour the sleepy scientist under her duvet, dreaming of chemistry!

