

S01 – pH Indicator - Pupil Sheet

Record in this space what you did to make your pH indicator. Draw a diagram if necessary.

Test the following substances and record your results. Remember to use the techniques you have previously learned to speed up a reaction. (temperature, surface area, stirring)

Control experiment:

We know that vinegar is an acid and that sodium bicarbonate is a base. Use this knowledge to see what colour your indicator turns in the presence of acids and bases.

Vinegar, an acid, turns the pH indicator _____.

Sodium Bicarbonate, a base, turns the pH indicator _____.

Substance	Colour pH indicator turned	Acidic or Basic?
Washing up liquid		
Soap Powder		
Lemon Juice		
Sodium Bicarbonate		
Chalk Dust		
Tap water		
Cola drink		