

## Kōrero with Scientists

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### Introduction to Acids and Bases: Consumables List.

- Red cabbage
- Knife and cutting board
- Water
- Cooking pot
- Heating element, stove-top, hotplate or similar (alternatively, use a kettle).
- Funnel
- Container for the red-cabbage indicator
- Sieve or large filter paper
- Clear plastic drinking cups
- Plastic spoons/popsicle sticks for stirring
- Bucket (if no sink is available)                      -up
- Paper towels and rubbish bags for clean
- A range of household substances to test (see below)                      -based

Household substances that make good test examples include colourless, water products such as: milk, lemons/lemon juice, water, white vinegar, carbonated drinks (soda water, tonic, lemonade) etc.

Cleaning products can be interesting examples; however, many of these items are poisonous and may not be suitable for younger students. Examples: bleach and window cleaners.

Solid substances and thick liquids can be prepared by dissolving/diluting 1 teaspoon of powder in approximately half a cup of water. Examples: baking soda (sodium antacids, laundry powder, dish-washing detergent, liquid soap).