

Lime cycle reactions

- Wrap some nichrome wire around a marble chip and use the ends of the wire to hang the chip from a tripod.
- Heat the chip with a roaring Bunsen burner flame for about 5 minutes (the longer the better)
- Let the chip cool for a couple of minutes and compare its appearance with that of a fresh one. Write down your observations.
- **Use tongs to handle the chip**
- Place the chip in an evaporating basin.
- Use a teat pipette to add drops of water. Write down what you see happen.
- Add about 10cm³ of water to the basin and mix gently but thoroughly.
- Filter this mixture into a couple of test tubes.
- Add universal indicator to one of the tubes and write down the approximate pH of the solution.
- Blow gently through a straw into the other tube (GOGGLES!) and write down what, if anything, happens. 🗺