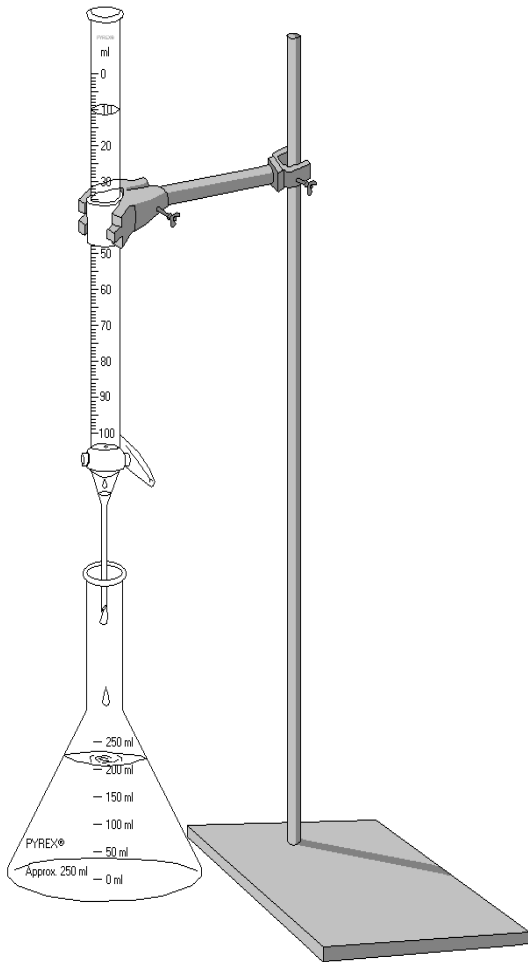




## Chemistry: Required Practical 7



- What is this required practical about?

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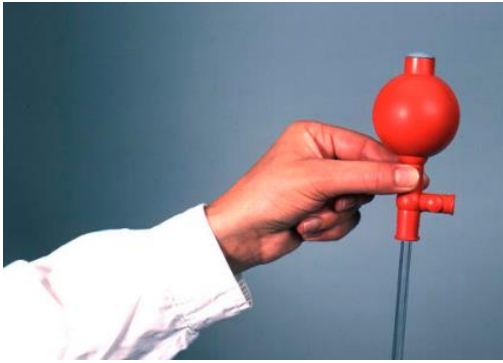
- Label the equipment in the picture and the additional equipment below it.

- Think about how you carried out this practical.

Write a logical and comprehensive method, using numbered bullet points.



- Why did you use this piece of equipment, shown below, and not a normal plastic one?



- How can this method be used to work out the concentrations of strong acids and strong alkalis?

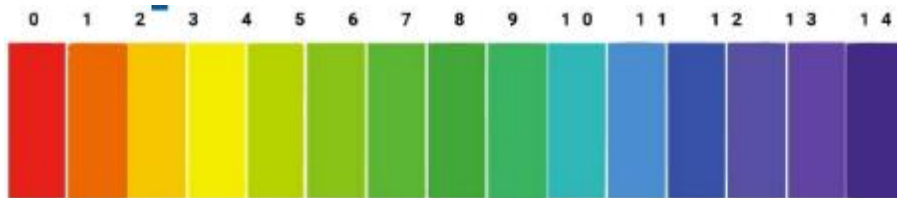
- What is another alternative method for identifying that water contains dissolved salts?

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- Below is a pH scale. Label the colours and whether it is acid, alkali or neutral.



\_\_\_\_\_

Colour: \_\_\_\_\_

\_\_\_\_\_

Colour: \_\_\_\_\_

\_\_\_\_\_

Colour: \_\_\_\_\_

- There are different methods for measuring pH: litmus paper, universal indicator, pH logger. Why is using universal indicator a good way to measure pH?

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- When might it be most appropriate to use a pH logger to measure pH? Pictured below.

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