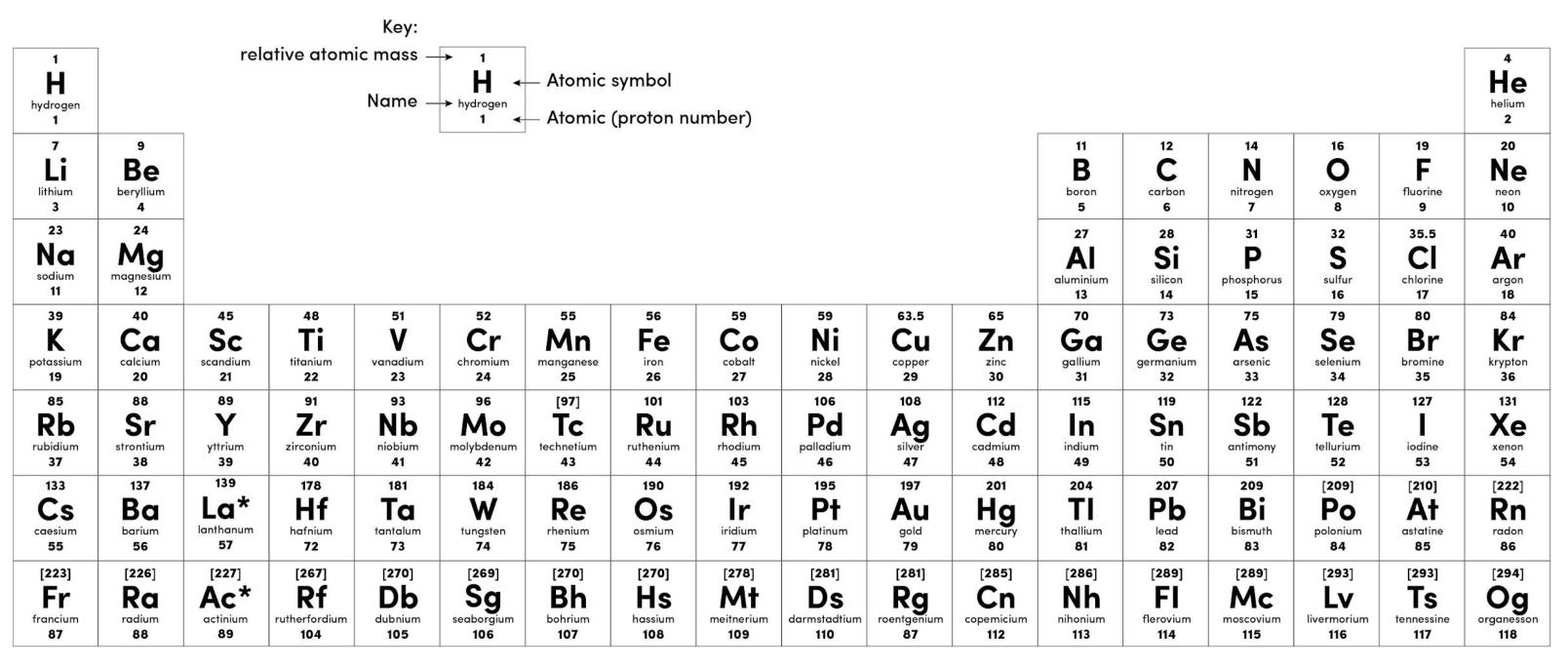
Chemistry - Triple Science - Key Stage 4

### **Titrations**

Mr Campbell

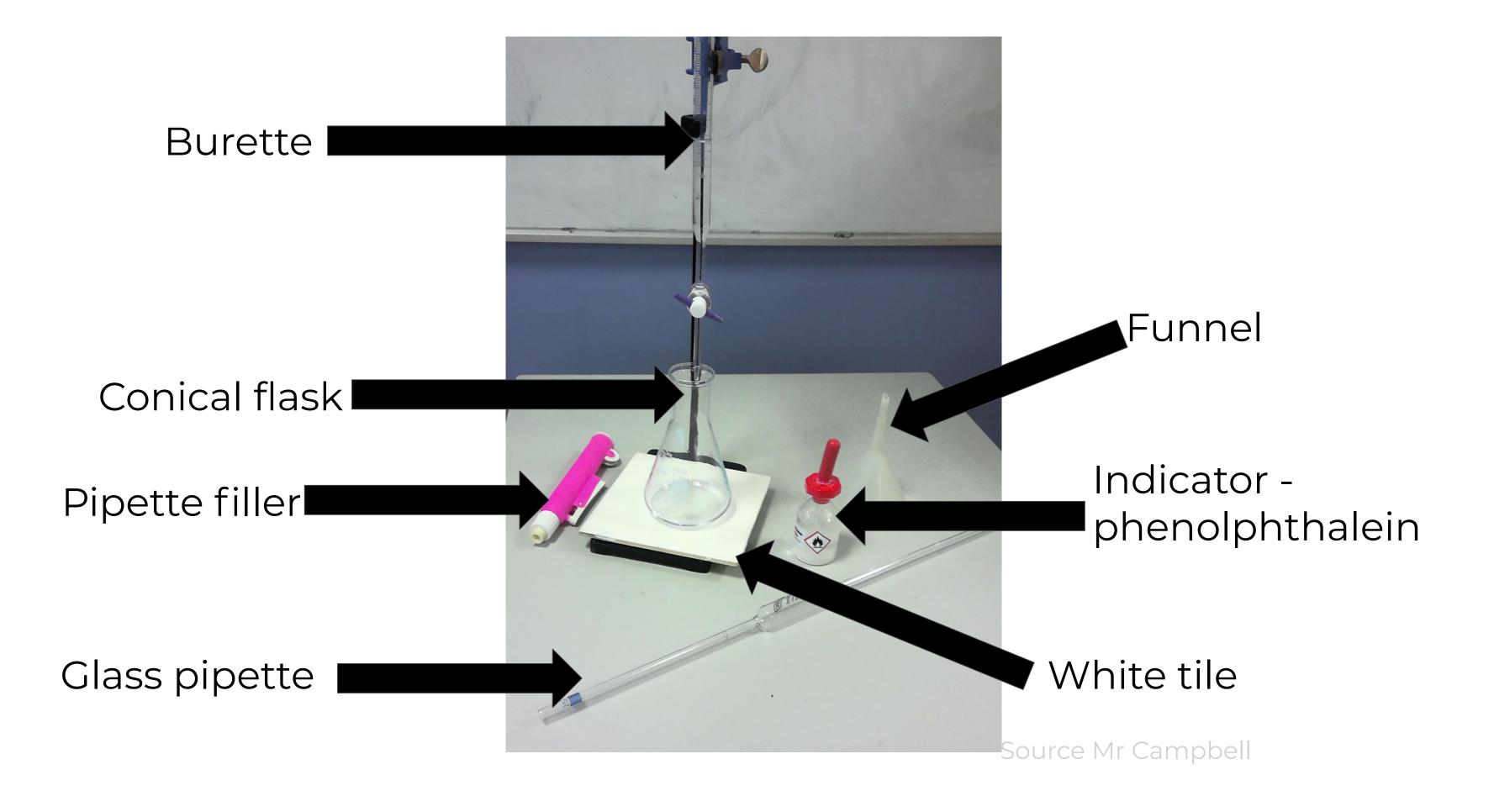


#### **Periodic Table of Elements**



Source: Oak







Repeat the titration, this time adding dropwise near the end point.

Add an indicator to the alkali in the conical flask.

Repeat until concordant results are achieved.

D

Take an initial reading from the burette and add the acid, swirling the flask, until the indicator changes colour.

Fill the burette with acid and add 25cm<sup>3</sup> of alkali to a conical flask using a glass pipette.



E

Fill the burette with acid and add 25cm<sup>3</sup> of alkali to a conical flask using a glass pipette.

B

Add an indicator to the alkali in the conical flask.

Take an initial reading from the burette and add the acid, swirling the flask, until the indicator changes colour.

A
Repeat the titration,
this time adding
dropwise near the end
point.

C Repeat until concordant results are achieved.



Universal indicator is not used.	Universal indicator does not give a clear
A white tile is placed under the conical flask.	This makes the colour change of the indicator to see.
The conical flask is swirled as the acid added.	To make sure the acid and alkali fully
The acid is added dropwise near the end point.	To make sure the volume added is as as possible.
Repeat until concordant results are achieved.	This makes sure the final result is

Universal indicator is not used.	Universal indicator does not give a clear end point.
A white tile is placed under the conical flask.	This makes the colour change of the indicator easier to see.
The conical flask is swirled as the acid added.	To make sure the acid and alkali fully react.
The acid is added dropwise near the end point.	To make sure the volume added is as accurate as possible.
Repeat until concordant results are achieved.	This makes sure the final result is accurate.