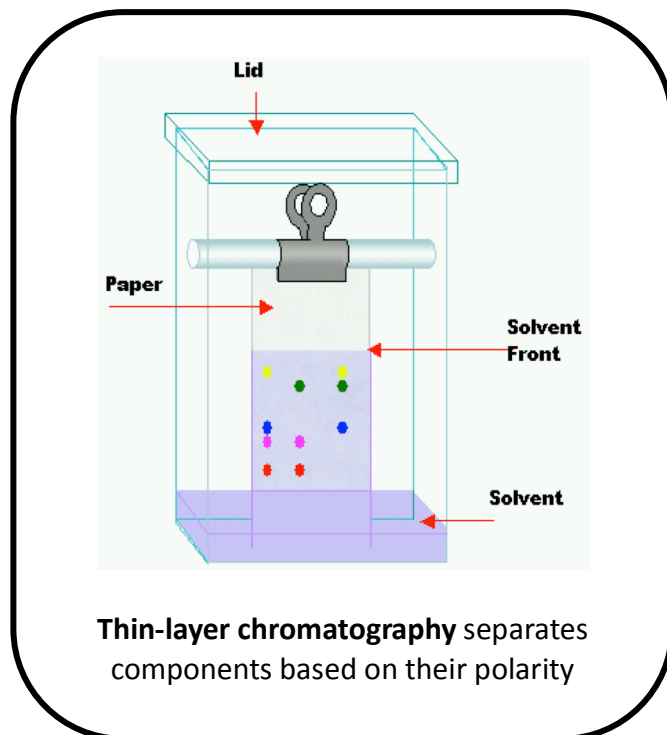


Chromatography

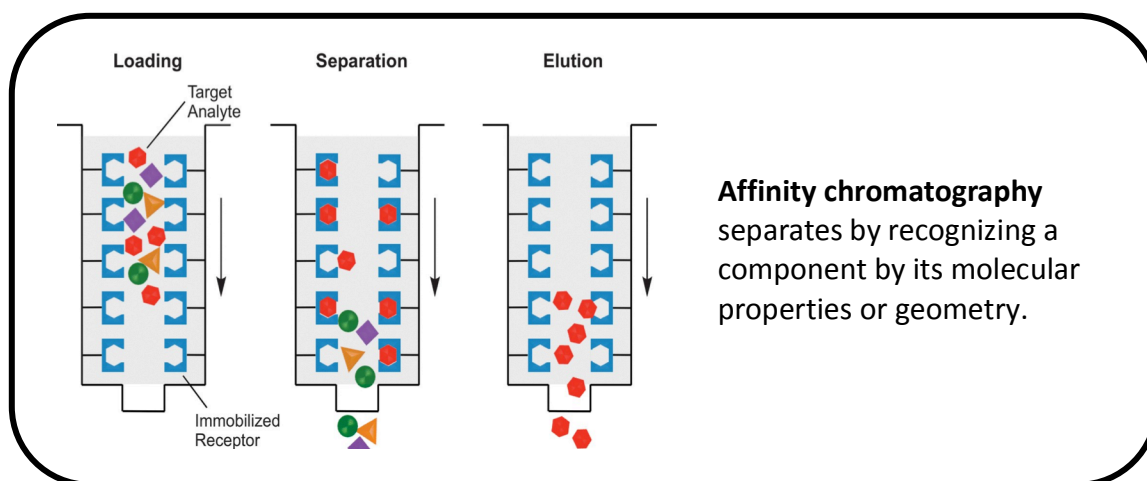
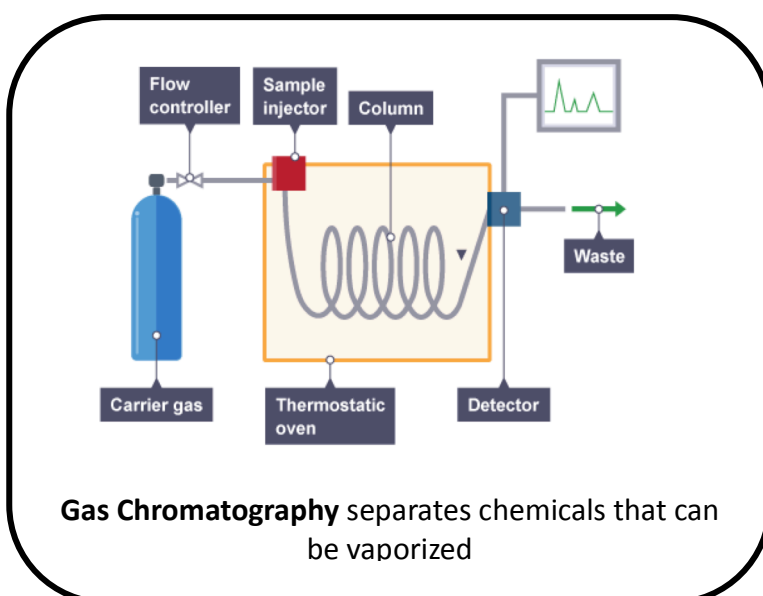
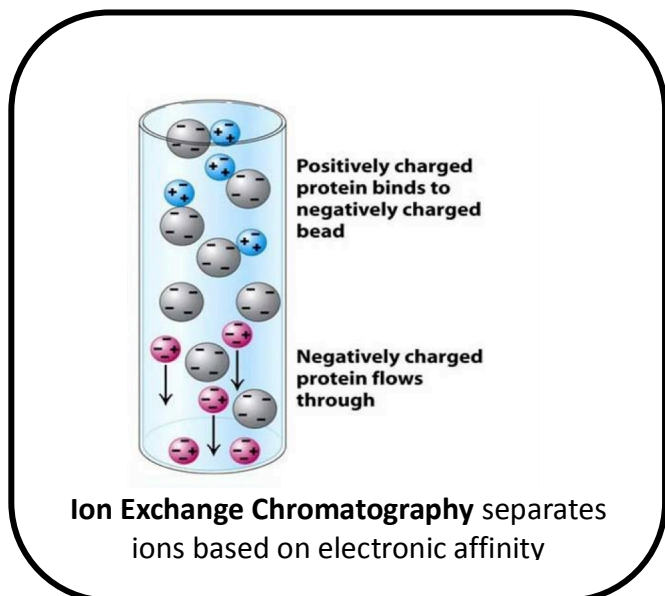
Chromatography is a technique used to separate the basic components of a mixture. The mixture being separated is the **analyte**.

The technique takes advantage of a physical property called **polarity**. The analyte is placed on a **stationary phase** and its components are separated using a **mobile phase**.

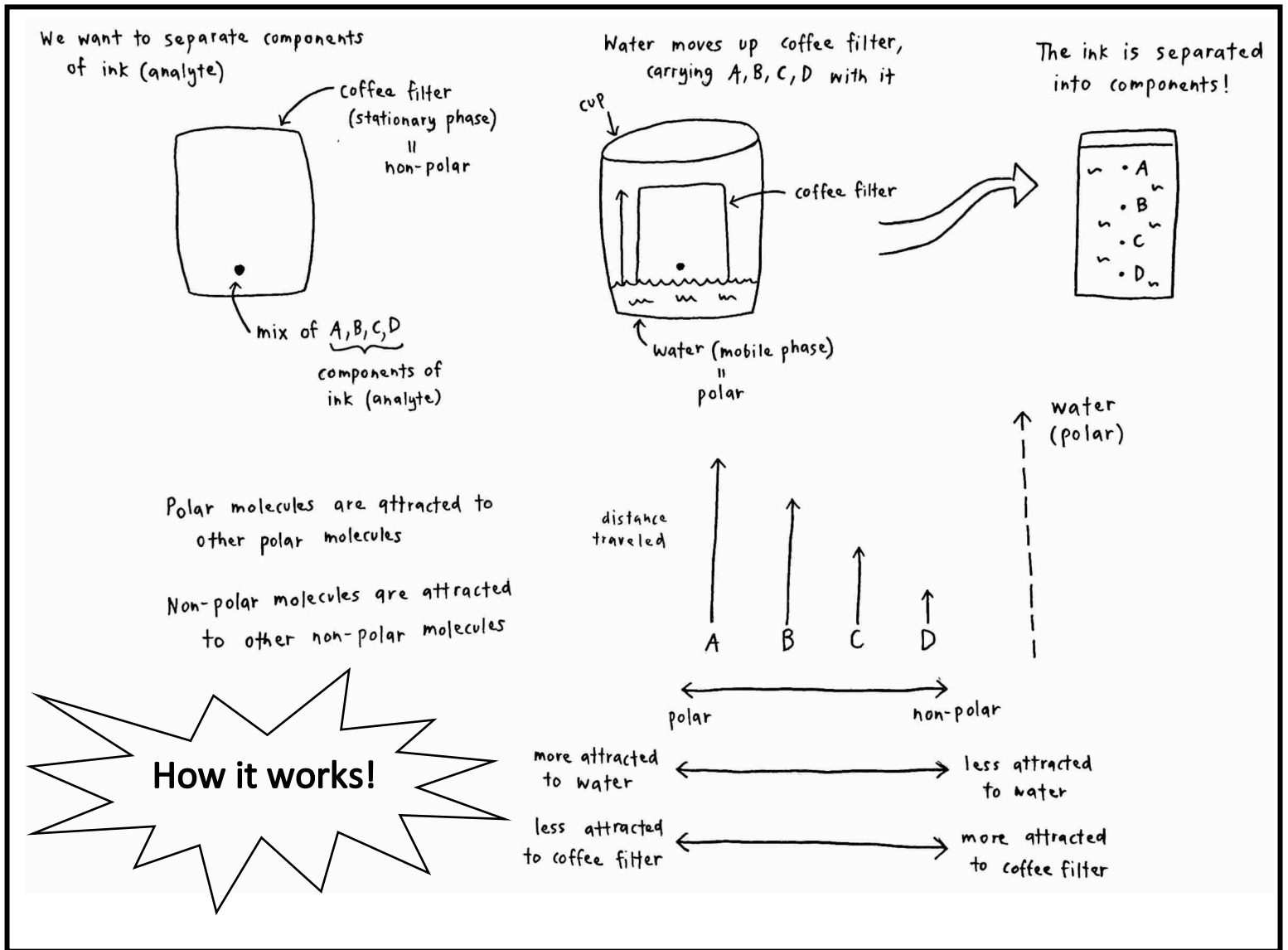
There are many types of chromatography and some use state-of-the-art instruments. Today we will be doing **thin-layer chromatography** which can be done with common household items.



Other Types of Chromatography



Chromatography



Questions

In our experiment, what is the stationary phase and what is the mobile phase?

Which liquid was the best mobile phase for separation?

How many different components were separated from the ink?

Were you able to separate components from other colors?

Observations