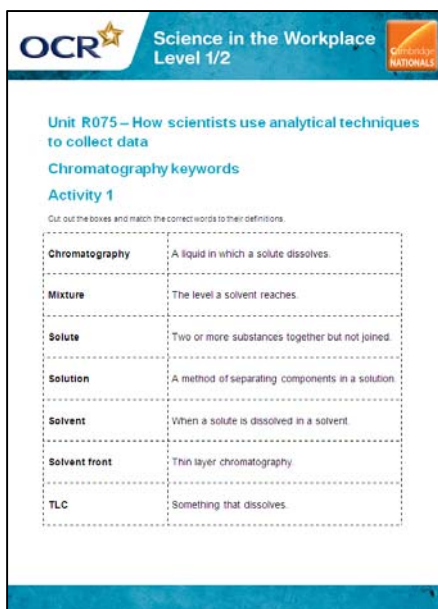


## Unit R075 – How scientists use analytical techniques to collect data

### Chromatography keywords

#### *Instructions and answers for teachers*

The activities below cover LO2: Be able to separate and identify the substances present in a mixture



Chromatography	A liquid in which a solute dissolves.
Mixture	The level a solvent reaches.
Solute	Two or more substances together but not joined.
Solution	A method of separating components in a solution.
Solvent	When a solute is dissolved in a solvent.
Solvent front	Thin layer chromatography.
TLC	Something that dissolves.

Associated files:

Chromatography keyword card sort (activity)

Activity 1 – approx. 15 minutes



*This activity offers an opportunity for English skills development.*

This activity helps learners to become familiar with/recap the keywords associated with chromatography by completing a card sort (meaning and definition) activity.

## Activity 1

<b>Chromatography</b>	A method of separating components in a solution.
<b>Mixture</b>	Two or more substances together but not joined.
<b>Solute</b>	Something that dissolves.
<b>Solution</b>	When a solute is dissolved in a solvent.
<b>Solvent</b>	A liquid in which a solute dissolves.
<b>Solvent front</b>	The level a solvent reaches.
<b>TLC</b>	Thin layer chromatography.

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