

## Unit 3 – Separating Mixture - Check List

Check your learning ! Can you do all the things on the list below ?

I can:

- ☐ state the difference between elements, compounds and mixtures.
- ☐ describe, with a labeled diagram, how filtration can be used to separate an insoluble solid from a liquid. ie. sand from water.
- ☐ describe, with a labeled diagram, how evaporation can be used to separate a soluble solid from a liquid. ie. salt from water.
- ☐ describe, with a labeled diagram, how distillation can be used to separate two liquids with different boiling points. ie. alcohol from water
- ☐ describe, with a labeled diagram, how chromatography can be used to separate soluble substances such as dyes in inks. ie. show the colours in fountain pen ink.
- ☐ describe how fresh drinking water can be obtained from salty sea water by desalination (distillation).