

Keywords: atom, particle, physical change, States of matter, attractive forces, compound, impure, melting point, mixture, pure, crystallisation, filtrate, residue, solute, solution, solvent, chromatography, stationary phase, Mobile phase, chromatogram, chlorination, desalination, precipitate, Chemical analysis, sedimentation. See word sheet for full list and definitions.

Assessment = ★ ★

Assessment
&
Review

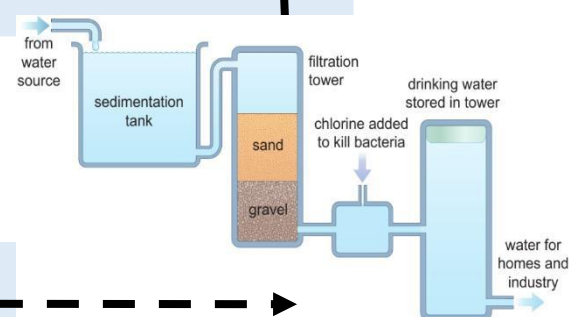
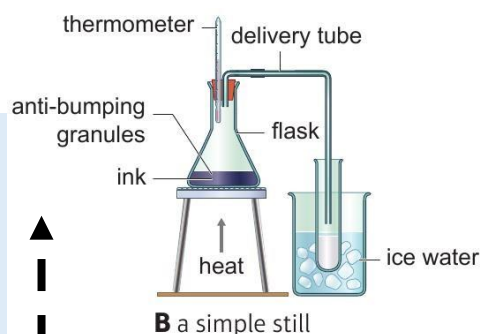
Revision
lesson

Focus on retrieval,
key word
definitions and
diagrams.

Apply:
SC8 Producing salts
SC14 Titration
SC20 Fractional
distillation

Drinking
water

Purifying water so
it is safe to drink

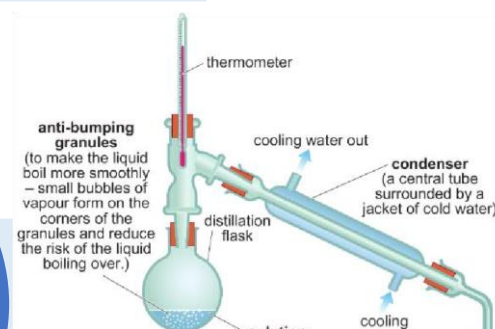


Investigating
inks

Using paper
chromatography
and simple
distillation

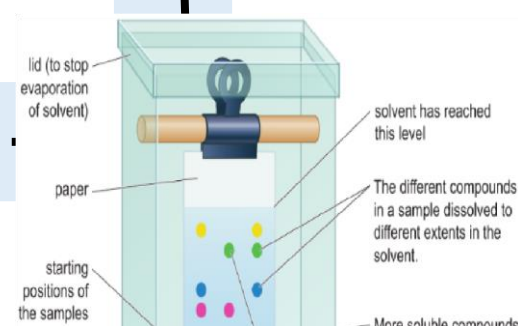
Distillation

separating
mixtures using
fractional and
simple distillation



Paper
chromatography

separating
soluble inks



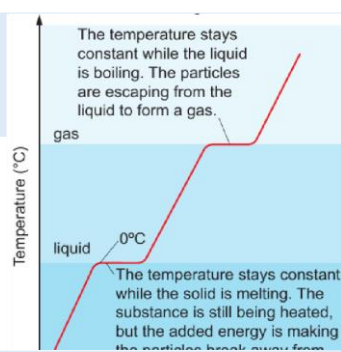
Filtration and
crystallisation

separating
solids from
liquids

Self-Assessment = ★

Mixtures

Mixtures do not
have Sharp
melting points



States of
matter

Solids, liquids
and gases

State	Particle diagram	Arrangement of particles	Movement of particles
Gas		random far apart	fast in all directions
Liquid		random close together	move around each other
Solid		regular close together	vibrate about fixed positions

Retrieve:
Year 7 particles
Year 8 Separation
techniques