

Microscale and Reduced Scale Chemistry

List of Experiments:

- #1** Preparation of copper(II) sulphate(VI)
- #2** Finding the formula of magnesium oxide
- #3*** Iron chemistry on a plastic sheet - "puddle chemistry"
- #4A**** Making esters; method #1 (acid catalyst)
- #4B**** Making esters; method #2 (IER catalyst)
- #5** Cracking liquid paraffin
- #6** Microelectrolysis of copper chloride
(Microelectroplating with copper)
- #7** Heating marble chips
- #8*** Finding the % of water in hydrated copper(II) sulphate(VI) OR hydrated magnesium sulphate(VI)
- #9*** Making TCP
- #11** Precipitation of copper carbonate - "puddle chemistry"
- #12** Precipitation of lead bromide - "puddle chemistry"
- #13** Precipitation of silver iodide - "puddle chemistry"

*UK Post-16 or **Triple Award GCSE chemistry experiment