C4 Heavy metal? c4_worksheet_4

C4 Worksheet 4

Recycling copper

Mobile phones, computers and electric goods all contain copper.

Copper is a valuable metal that is worth recycling.

This flow chart shows the main stages. 1 Waste containing copper is collected. 2 Copper parts are extracted by hand or by machine. 3 Copper parts are melted and cooled to make impure copper electrodes. 4 Impure copper is purified using electroplating. **5** Pure copper is made into new items. 1. In which stage: is copper purified? b) is waste metal collected? a) is there heat energy? d) is there electrical energy? b) Challenge question 2. Why is it better to recycle copper than to extract it from its ore?