



Integrated instructions

Producing 'gold' coins on a microscale



Education
Inspiring your teaching and learning

<https://rsc.li/3TZmRLN>



2 12 cm³ NaOH
2 cm³ ZnSO₄
Wait until white precipitate dissolves

3 Pour into Petri dish

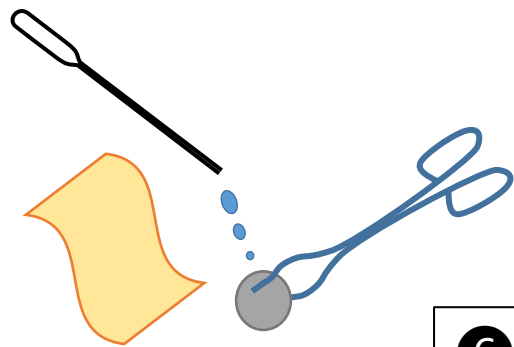
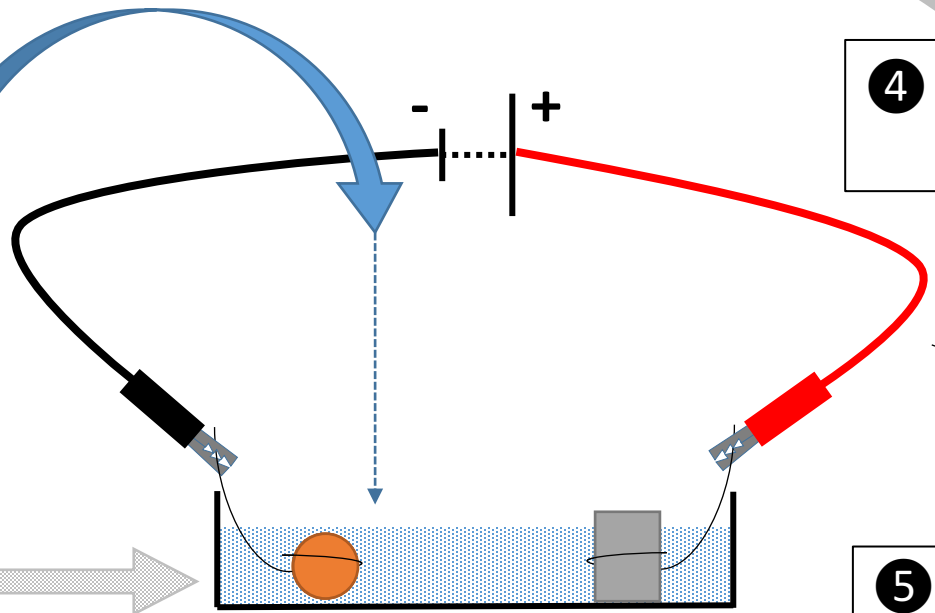
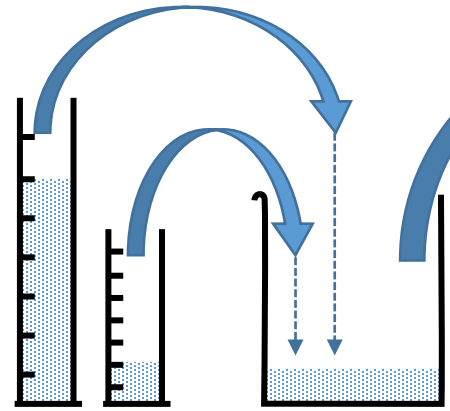
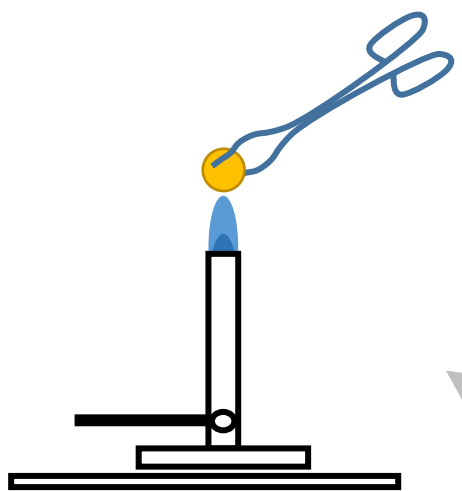
4 Connect 6 V DC or 9 V battery

5 Turn power off when coin appears 'silver'

6 Wash, dry and polish coin

7 Heat until golden

1 Cu coin
Zn foil



1 0.5 M copper sulfate solution

