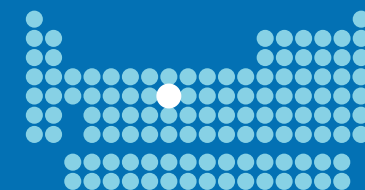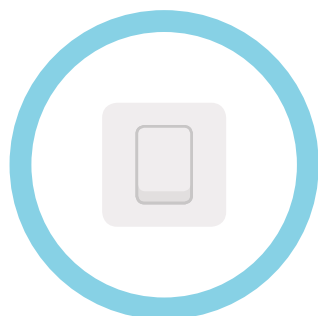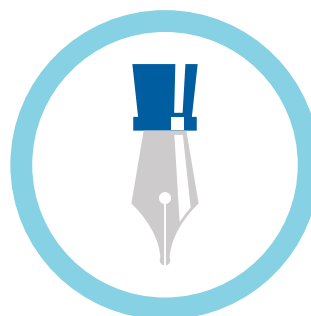# #44

## RUTHENIUM

## Ru

44    101.07

### ELECTRONICS

Ruthenium is used to harden alloys of platinum and palladium used in electronics and switches.

### FOUNTAIN PENS

Fountain pen nibs are tipped with hard-wearing ruthenium, osmium and rhenium alloys.

### FINGERPRINTS

Ruthenium tetroxide is used to expose latent fingerprints, as the fats in the print turn it black.