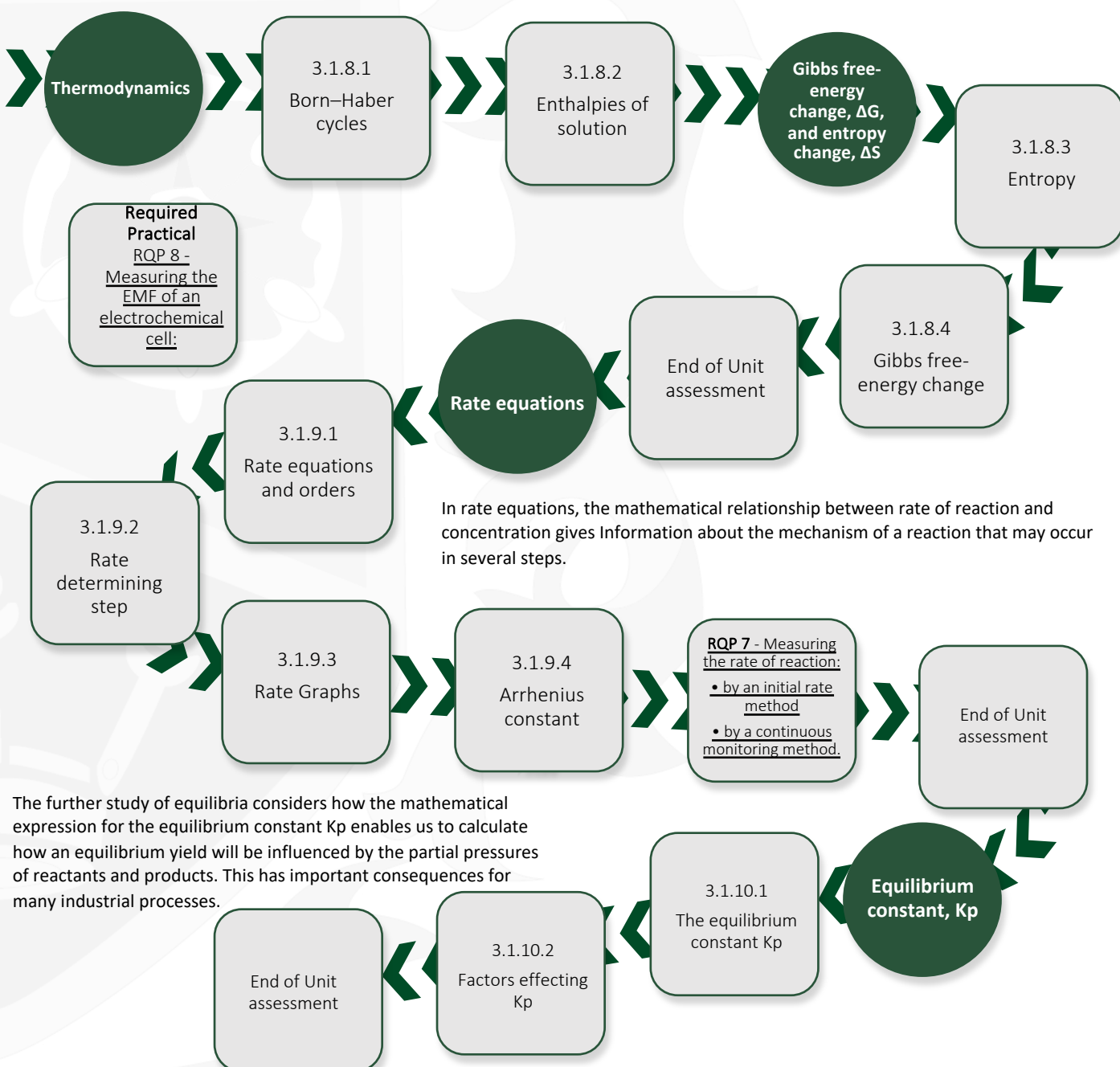


## Chemistry

Year 13 Autumn Term

## Thermodynamics, Rate equations &amp; Kp

The further study of thermodynamics builds on the Energetics section from year 12 and is important in understanding the stability of compounds and why chemical reactions occur. Enthalpy change is linked with entropy change enabling the free-energy change to be calculated.

**TUDOR HABITS**

You will continue to work on building your toolbox of problem solving skills to support your metacognition and self-regulation

**VOCABULARY:**

Enthalpy, Lattice, ionisation, electron affinity, Entropy, Gibbs free energy, Order, Rate, equilibrium.