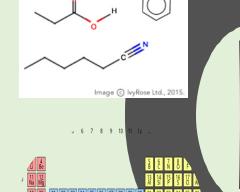


Concepts

**The Periodic** 

Table

Chemistry



42 43 44 45 46 47 48 Mo Tc Ru Rh Pd Ag Cd

106 107 108 109 110 111 112 Sa Bh Hs Mt Ds Ra Cn

93 94 95 96 97 No Pu Am Cm Bk

72 73 74 75 76 77 78 79 80 Hf Ta W Re Os Ir Pt Au Hg

Students develop their understanding of the groups and periods of the periodic table and the trends both down groups and across periods. Students will be able to explain these trends in terms of the electronic structure. Students will then go on to practically investigate the qualitative analysis methods for identifying unknown elements and compounds.

topics of atomic structure and bonding. Looking at the existence of sub shells and different types of intermolecular force. Foundations in

Students also build on the GCSE

## **WELCOME**

Year

Chemistry

Students start the A level course with the foundations of Chemistry, this draws on what they already know from GCSE and elevates it to the next level. Initially we focus on improving the fluency on quantitative chemistry as well as introducing some new equations and perfecting those titration skills.

**Transition days** and Bridging work