

Module 3: Water

The syllabus and *Conquering Chemistry*

For Module 3 *Conquering Chemistry Preliminary Course* 4th edition follows the syllabus very closely both in content and in sequence of presentation as can be seen from the *Module 3 and the New South Wales HSC syllabus* tables on pages 235–8. Three minor deviations are (i) the inclusion of the structure of methane and dispersion forces (for comparison with structures of water, ammonia and hydrogen sulfide in order to illustrate the effects of different intermolecular forces upon properties), (ii) discussion of water of crystallisation and hydrates in Chapter 7 and (iii) mention of some other reversible reactions (in addition to the precipitation and dissolution required by the syllabus) in Chapter 8.