Edexcel iGCSE Chemistry 4CH0 Learning Plan

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| **Section A1: Kinetic Theory and Diffusion** | | |
| Specification | Resources | Assessment |
| 1.1 understand the arrangement, movement and energy of the particles in each of the three states of matter: solid, liquid and gas  1.2 describe how the interconversion of solids, liquids and gases are achieved and recall the  names used for these interconversions  1.3 describe the changes in arrangement, movement and energy of particles during these interconversions. | Video: Section 1 – Lesson 1 – States of Matter and Atomic Structure (from beginning to 18.55)  Powerpoint: Chemistry - Section 1 – Lesson 1 (to slide 54)  Textbook:  Page 1 – Solids, liquids and gases  Page 2 – Changes of State  Page 3 – Diffusion (in gases)  Page 4 – Diffusion in liquids  Page 5 – Chapter check list | Textbook  Page 5 – end of chapter questions.  Talking paper – Edexcel Chemistry Section A1 Kinetic Theory and Diffusion.  Section A1 Question – Kinetic theory and diffusion. (pdf)  Section A1 Question – mark scheme. (pdf) |

Videos – www.igcsesciencecourses.com

Textbook Ref: Edexcel International GCSE Chemistry Student Book - Clark

DVD Video Clips – see resource DVD in textbook.