CiE iGCSE Physics 0625 Learning Plan

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| **Section 13: Simple Kinetic Molecular Model of Matter – 2** |
| Specification | Resources | Assessment |
| **Core**• Describe evaporation in terms of the escape of more-energetic molecules from the surface of a liquid • Relate evaporation to the consequent cooling of the liquid• Describe qualitatively, in terms of molecules, the effect on the pressure of a gas of: – a change of temperature at constant volume – a change of volume at constant temperature**Supplement**• Demonstrate an understanding of how temperature, surface area and draught over a surface influence evaporation • Explain the cooling of a body in contact with an evaporating liquid• Recall and use the equation pV = constant for a fixed mass of gas at constant temperature | Video: Section 2 – Lesson 13 – Simple kinetic molecular model of matter (Part 2)Powerpoint: Physics 13 – Simple Kinetic Molecular Model of Matter - 2Textbook Pages 70 – 71 Section 3.09 Gas pressure and volumePages 106-107 Section 5.05 Heating gasesPages 114-115 Section 5.09 Liquids and vapoursSection 13 Checklist.doc | TextbookPage 71 Qs 1 to 3Answers Page 327Page 107 Qs 1 to 4Answers Page 328Page 115 Qs 1 to 6Talking Paper – Section 13 –Simple Kinetic Molecular Model of Matter - 2Exam Question Section 13 - pdfExam Question Section 13 Mark Scheme - pdf |

Videos – www.igcsesciencecourses.com

Textbook Ref: Complete Physics for Cambridge iGCSE (Stephen Pople) - OUP

DVD Assessments – see resource DVD in textbook.