CiE iGCSE Physics 0625 Learning Plan

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| **Section 4: Density** | | |
| Specification | Resources | Assessment |
| **Core**  Recall and use the equation ρ = m/V  • Describe an experiment to determine the density of a liquid and of a regularly shaped solid and make the necessary calculation  • Describe the determination of the density of an irregularly shaped solid by the method of displacement  • Predict whether an object will float based on density data  **Supplement** | Video: Section 1 – General Physics – Lesson 4 - Density  Powerpoint: Lesson 4 - Density  Textbook  Page 16 Volume and density  Page 18 Measuring volume and density  Page 20 More about mass and density | Textbook  Questions Pages 22-23; 9, 10, 11, 12  Textbook Answers page 326  Talking Paper – Section 4 Density  Exam Q4 – Density (pdf)  Exam Q4 – Density - mark scheme (pdf) |

Videos – www.igcsesciencecourses.com

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

DVD Assessments – see resource DVD in textbook.