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 - DensityPowerpoint: Lesson 4 - DensityTextbook Page 16 Volume and densityPage 18 Measuring volume and densityPage 20 More about mass and density | TextbookQuestions Pages 22-23; 9, 10, 11, 12Textbook Answers page 326Talking Paper – Section 4 DensityExam 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.