CiE iGCSE Physics 0625 Learning Plan

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| **Section 1: Measurements and Units** | | |
| Specification | Resources | Assessment |
| **Core**  • Use and describe the use of rules and measuring cylinders to find a length or a volume  • Use and describe the use of clocks and devices, both analogue and digital, for measuring an interval of time  • Obtain an average value for a small distance and for a short interval of time by measuring multiples (including the period of a pendulum).  **Supplement**  • Understand that a micrometer screw gauge is used to measure very small distances | Video: Section 1 General Physics – Lesson 1 – Length and time  Powerpoint: 1 – Length and time  Textbook  Page 10 Numbers and Units  Page 12 A system of units  Page 14 Measuring length and time  Page 16 Volume and density  Page 18 Measuring volume and density  Page 20 More about mass and density | Textbook  Questions Pages 22-23  Textbook Answers page 326  DVD Diagnostic tests – 1. Measurements and units + Answers  Talking Paper 1 – Measurements and Units  Exam Q1 (PDF) – Measurements and Units |

Videos – www.igcsesciencecourses.com

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

DVD Assessments – see resource DVD in textbook.