CiE iGCSE Physics 0625 Learning Plan

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| **Section 30: Digital Electronics** | | |
| Specification | Resources | Assessment |
| **Core**  **Supplement**  Explain and use the terms analogue and digital in terms of continuous variation and high/low states  • Describe the action of NOT, AND, OR, NAND and NOR gates  • Recall and use the symbols for logic gates  • Design and understand simple digital circuits combining several logic gates  • Use truth tables to describe the action of individual gates and simple combinations of gates | Video: Physics Section 5 – Lesson 6 – Digital Electronics  Powerpoint: Physics 30 – Digital Electronics  Textbook  Pages 238-239; Logic gates (1)  Pages 240-241; Logic gates (2)  Section 30 checklist.doc | Textbook  Page 239; Questions (1) to (3)  Page 241; Questions (1) to (3)  Textbook answers: Page 331  Talking Paper video – Section 30 – Digital Electronics  Section 30 Exam Question - pdf  Section 30 Exam Question mark scheme - pdf |

Videos – www.igcsesciencecourses.com

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

DVD Assessments – see resource DVD in textbook.