Edexcel iGCSE Physics 4PH0 Learning Plan

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| **Section E19: Density and Pressure** | | |
| Specification | Resources | Assessment |
| 1.8 Pressure  **Core**  • Recall and use the equation p = F / A  • Relate pressure to force and area, using appropriate examples  • Describe the simple mercury barometer and its use in measuring atmospheric pressure  • Relate (without calculation) the pressure beneath a liquid surface to depth and to density, using appropriate examples  • Use and describe the use of a manometer  **Supplement**  • Recall and use the equation p = h ρ g | Video: Section 1 – General Physics – Lesson 11 - Pressure  Powerpoint: 1 – General Physics – Physics 11 - Pressure  Textbook: Ch.19 – Density and Pressure  Page 162 – Density  Page 164 – Pressure under a solid  Page 165 – pressure in liquids and gases  Page 167 – Pressure and depth  Page 168 – End of Chapter Checklist  Edexcel iGCSE Physics Student Checklist Section E19.doc  DVD Revision check list | Textbook  Page 168 – Questions 1 to 3  Textbook Answers (PDF)  DVD Multiple choice test  Talking paper – Edexcel Physics Section E19 – Density and Pressure  Section E19 Exam Question –. (pdf)  Section E19 Exam Question – Mark Scheme. (pdf) |

Videos – www.igcsesciencecourses.com

Textbook Ref: Edexcel International GCSE Physics Student Book - Pearson

DVD Video Clips – see resource DVD in textbook.