Edexcel iGCSE Physics 4PH0 Learning Plan

|  |  |  |
| --- | --- | --- |
| **Section D16: Thermal Energy** | | |
| Specification | Resources | Assessment |
| 4.6 describe how energy transfer may take place by conduction, convection and radiation  4.7 explain the role of convection in everyday phenomena  4.8 explain how insulation is used to reduce energy transfers from buildings and the human body. | Video: Section 2 – Thermal Physics – Lesson 5 – Thermal Processes  Powerpoint: Physics 16 – Thermal Processes  Textbook: Ch.16 – Thermal Energy  Page 133 – Conduction  Page 134 – Convection  Page 135 – Radiation  Page 137 – Energy efficient houses  Page 140 – Insulating people and animals  Page 141 – End of Chapter check list  Edexcel iGCSE Physics Student Checklist Section D16.doc  DVD Revision check list | Textbook  Page 141 – Questions 1 to 7  Textbook Answers (PDF)  DVD Multiple choice test  Talking paper – Edexcel Physics Section D16 – Thermal Energy  Section D16 Exam Question –. (pdf)  Section D16 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.