**Westbourne House School**

**Revision – Summer Term**

**Y7 PHYSICS CE/S REVISION CHECKLIST**

**The Exam(s) will consist of:**

* For 7CE and 7S: 3 separate Science papers, Biology, Chemistry, Physics
  + duration: 40 minutes per paper
* For 7S: One Science paper composed of 3 sections, Biology, Chemistry, Physics
  + duration: 60 minutes to be done in lesson time

(aim to spend approx. 20 minutes on each section)

**Equipment you will need for the exam:**

* Fountain pen and spare cartridges
* Ruler (15cm and 30cm)
* Pencil
* Eraser and pencil sharpener
* Calculator

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| **TOPIC** | **WHAT TO REVISE** | **DONE?** |
| Electricity and Magnetism | * Circuit symbols * Current in series and parallel circuits * Resistors, LDR’s, diodes and LED’s * Electromagnets and magnetic fields |  |
| Forces | * Speed/ distance/ time calculations * Density, pressure and weight calculations * Springs * Balanced and unbalanced forces * Moments/ balances, levers and turning forces * Moments calculations |  |
| Light and Sound | * Substances sound travels through * Sound waves * Speed of sound and speed of light |  |
| Experimental design | * Fair test – control variables * Dependent and independent variables * Uncertainty * Graphing   + always in pencil   + plot the points accurately   + draw the line of best fit freehand i.e. not with a ruler |  |

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| Notes/ Tips |
| * You are preparing for a CE paper * You will need to revise the syllabus outlined above using your ISEB Revision Guide and your Physics exercise books from Y6-8. * For further information or guidance about revision or the actual exam, please contact Head of Science, Victoria Bagshaw ( [vbagshaw@westbournehouse.org](mailto:vbagshaw@westbournehouse.org) ) |