**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
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| Forces | * Speed/ distance/ time calculations
* Density, pressure and weight calculations
* Springs
* Balanced and unbalanced forces
* Moments/ balances, levers and turning forces
* Moments calculations
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| Light and Sound | * Substances sound travels through
* Sound waves
* Speed of sound and speed of light
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| 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 )
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