



## Westbourne House School Revision - Easter Term

### Y8 PHYSICS REVISION CHECKLIST

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

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

TOPIC / PAPER	WHAT TO REVISE	DONE?
Electricity	<ul style="list-style-type: none"><li>• Investigating current in series and parallel circuits</li><li>• Control of circuits using SPDT switches</li><li>• Investigating how different components affect current flow (in series and parallel circuits)</li><li>• AND/OR circuits</li><li>• Resistors, diodes, light-dependent resistors and fuses</li><li>• Electromagnets</li><li>• Generating electricity</li></ul>	
Forces	<ul style="list-style-type: none"><li>• Speed/distance/time calculations</li><li>• Balanced and unbalanced forces</li><li>• Springs (including in series and parallel)</li><li>• Friction and air resistance</li><li>• Moments/balances, levers and turning forces</li><li>• Pressure, force and area</li><li>• Calculating weight</li></ul>	
Measures	<ul style="list-style-type: none"><li>• Density</li></ul>	
Light	<ul style="list-style-type: none"><li>• Reflection</li><li>• Refraction</li><li>• Dispersion</li></ul>	
Sound	<ul style="list-style-type: none"><li>• Hearing</li><li>• Sound Waves</li></ul>	
Earth and Beyond	<ul style="list-style-type: none"><li>• Relationship of Earth/Sun/Moon System</li><li>• Knowledge of other parts of the solar system</li><li>• Energy forms and resources</li><li>• Energy diagrams</li><li>• Entropy</li></ul>	

<b>NOTES/TIPS:</b>		
<ul style="list-style-type: none"><li>• You are preparing for a CE/Scholarship paper</li><li>• You need to review the whole syllabus as covered in your Physics exercise books from Y6-8 and ISEB Revision Guide</li><li>• Make use of the example questions provided in the revision book.</li><li>• Learn the formulas for calculations with the relevant units.</li><li>• For any further information or guidance about revision or the actual exam, please contact Caroline Thorne (cthorne@westbournehouse.org)</li></ul>		