



Westbourne House School Revision – Christmas Term

Y8 PHYSICS CE 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	WHAT TO REVISE	DONE?
Electricity	<ul style="list-style-type: none">• Investigating current in series and parallel circuits• Investigating how different components affect current flow• Generating electricity	
Magnetism	<ul style="list-style-type: none">• Magnets and how to draw a magnetic field• Electromagnets and their uses	
Forces	<ul style="list-style-type: none">• Speed/ distance/ time calculations and graphs• Balanced and unbalanced forces• Understanding thinking/ stopping distances• Friction and air resistance• Moments calculations• Pressure, force, area• Simple use of density equation	
Sound	<ul style="list-style-type: none">• Pitch and frequency• Sound waves	
Experimental design	<ul style="list-style-type: none">• Fair test – control variables• Dependent and independent variables• Identifying safety precautions and the reasons why they are necessary• Collecting data – repeatable and reliability	
Space	<ul style="list-style-type: none">• Why there is day/night• Why there are seasons	
Light	<ul style="list-style-type: none">• Reflection (including Normal, angle of incidence and angle of reflection)	

Notes/ Tips
<ul style="list-style-type: none">• 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 Jane Edwards jedwards@westbournehouse.org