Westbourne House School
Revision – Easter Term

Y8 CHEMISTRY REVISION CHECKLIST

The Exam(s) will consist of:

- One paper:
  - 8CE – duration 40 minutes
  - 8S – duration 90 minutes overall (30 minutes per science section)

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?
Solids, Liquids & Gases	• Arrangement of particles • Behaviour of particles • Changes of state • Expansion	
Elements, Compounds & Mixtures	• Atoms, molecules • What is an element, compound, mixtures • Selected symbols • Properties of metals and non-metals • Methods of separation	

Solubility	• The meaning of:
	  ○ Solution
	  ○ Solvent
	  ○ Solute
	  ○ Soluble
	  ○ Insoluble
	  ○ Dissolving	

Burning Fossil Fuels	• Greenhouse effect • Acid rain • Products of combustion • Test for oxygen, carbon dioxide and water	
Reactions of metals	• Rusting • Metals and oxygen • Metals and water • Metals and acids • Displacement reaction • Redox reactions	

Acids and Alkalis	• Indicat • The pH scale • Neutralisation • Acids and carbonates	

Thermal Decomposition	• Reactions involving heat and:
	  ○ Hydrated copper sulphate
	  ○ Copper carbonate
	  ○ Potassium permanganate
	  ○ Limestone	

NOTES/TIPS:
• You are preparing for a CE/Scholarship paper • You need to review the whole syllabus as laid out in your Chemistry course notes and ISEB Revision Guide & science4ce website • Look over practice questions covered in lessons • For any further information or guidance about revision or the actual exam, please contact Mr Barry Pretorius (bpretorius@westbournehouse.org)