



Westbourne House School Revision – Christmas Term

Y8 CHEMISTRY 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? |
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| Separating techniques | <ul style="list-style-type: none">• Chromatography method• Which is the least and most soluble dyes• Interpreting chromatograms• Distillation• Keywords: solute, solvent, solution | |
| The Bunsen Burner | <ul style="list-style-type: none">• How to use a Bunsen Burner | |
| Acids and alkalis | <ul style="list-style-type: none">• The pH scale• Indicators and pH meters | |
| Metal reactions | <ul style="list-style-type: none">• The reactivity series• Displacement reactions• Reactions of metals + acids• Reactions of metal carbonates• Chemical test for Hydrogen, carbon dioxide, oxygen, water | |
| Different materials & states of matter | <ul style="list-style-type: none">• Properties of metals v's non-metals• Particle arrangement of solids, liquids & gases• Changes of state• Diffusion | |
| Experimental design | <ul style="list-style-type: none">• Writing a method• Fair test• Safety precautions and reasons why• Dependent and independent variables• Graphing<ul style="list-style-type: none">○ always in pencil○ plot the points accurately○ draw the line of best fit freehand i.e. not with a ruler | |

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| The environment | <ul style="list-style-type: none"> • The effects of fossil fuels • Global warming • Products of combustion | |
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| 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 Chemistry exercise books from Y6-8. • For further information or guidance about revision or the actual exam, please contact Dan Brown dbrown@westbournehouse.org |