**Westbourne House School**

**Revision – Summer Term**

**Y7 BIOLOGY 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 / PAPER** | **WHAT TO REVISE** | **DONE?** |
| Plant Biology | * Photosynthesis equation
* Leaf starch test
* Oxygen production rate experiments/limiting factors
* Leaf/root structure and adaptations
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| Nutrition & Digestive System | * Food groups and uses e.g.: proteins (Y6)
* Malnutrition e.g.: scurvy (Y6)
* Function/adaptation of digestive organs e.g.: small intestine
* Role of enzymes e.g.: amylase
* Digestion of starch/absorption of glucose
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| Respiratory System | * Lung structure
* Inhaling/exhaling
* Respiration equation
* Gas exchange in alveoli
* Effects of smoking
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| Reproductive System | * Male/female reproductive organs, gametes
* Changes at puberty
* Fertilisation
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| Other | * Ecology definitions e.g.: producer, consumer (Y6)
* Animal vs plant cell structure and function (Y6)
* Graph plotting
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| **NOTES/TIPS:** |
| * You are preparing for a set of CE/CASE papers.
* You need to revise everything from your green year 7 Biology exercise books as well as cells, ecology and nutrition from year 6. The topics to spend a little extra time on are listed above and use your revision guides to help.
* For any further information or guidance about revision or the actual exam, please contact Head of Science – Mrs Victoria Bagshaw ( vbagshaw@westbournehouse.org )
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