

**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 |  |
| 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 |  |
| Respiratory System | * Lung structure * Inhaling/exhaling * Respiration equation * Gas exchange in alveoli * Effects of smoking |  |
| Reproductive System | * Male/female reproductive organs, gametes * Changes at puberty * Fertilisation |  |
| 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](mailto:vbagshaw@westbournehouse.org) ) | | |