

**Westbourne House School**

**Revision – Summer Term 2021**

**Y5 SCIENCE REVISION CHECKLIST**

**The Exam(s) will consist of:**

* One Science paper composed of 3 sections: Biology, Chemistry, Physics:
  + duration: 60 minutes

**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?** |
| Life processes | * 7 characteristics of living things: MRS NERG * Compare animals and plants: e.g. movement, nutrition etc. |  |
| Adaptations | * Examples of how different animals have adapted to survive in their habitats e.g. polar bear, camel etc. |  |
| Healthy eating | * Food groups (fat, starch, sugar): examples/uses * Problems caused by too many fatty or sugary foods |  |
| Smoking, alcohol, hygiene | * Problems caused by smoking * Problems caused by alcohol * Importance of hygiene/examples of microbes |  |
| Exercise and the heart | * Benefits of exercise * Measuring pulse rates |  |
| Electricity | * Circuit symbols * Series circuits * Effects of more/less cells or components |  |
| Space | * Planets * Earth, sun and moon system |  |
| Renewable energy | * Ways to generate electricity from renewable sources |  |
| Forces | * Basic terminology * Balancing forces * Air resistance * Friction * Gravity * Weight * Magnetism |  |
| Bunsen Burner | * Parts of the Bunsen Burner * The correct use of the Bunsen burner |  |
| States of matter | * Solids, liquids and gases (particle arrangement, volume, shape) * Change of state (melting, freezing, evaporating and condensing) |  |
| Water Cycle | * Evaporation and condensation * The effect of airflow and temperature on evaporation |  |
| Composition of air | * The percentage of gases in the air |  |
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| **NOTES/TIPS:** | | |
| * You need to revise everything from your year 5 exercise books. The topics to spend a little extra time on are listed above. Use your KS2 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) ) | | |