**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.
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| Adaptations | * Examples of how different animals have adapted to survive in their habitats e.g. polar bear, camel etc.
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| Healthy eating | * Food groups (fat, starch, sugar): examples/uses
* Problems caused by too many fatty or sugary foods
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| Smoking, alcohol, hygiene | * Problems caused by smoking
* Problems caused by alcohol
* Importance of hygiene/examples of microbes
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| Exercise and the heart | * Benefits of exercise
* Measuring pulse rates
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| Electricity  | * Circuit symbols
* Series circuits
* Effects of more/less cells or components
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| Space | * Planets
* Earth, sun and moon system
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| Renewable energy | * Ways to generate electricity from renewable sources
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| Forces | * Basic terminology
* Balancing forces
* Air resistance
* Friction
* Gravity
* Weight
* Magnetism
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| Bunsen Burner | * Parts of the Bunsen Burner
* The correct use of the Bunsen burner
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| States of matter | * Solids, liquids and gases (particle arrangement, volume, shape)
* Change of state (melting, freezing, evaporating and condensing)
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| Water Cycle | * Evaporation and condensation
* The effect of airflow and temperature on evaporation
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| 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 )
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