

June 2018

Dear Parent/ Carer

I am writing to you to inform you about your child's End of Year 7 test that is going to take place in their Science lesson during the week commencing the 2nd of July.

The test will take place in lesson (the final date will be confirmed by your child's teacher).

The topics being covered on the test from all of the topic covered this year.

The corresponding revision guide page titles are listed below;

Biology:

Cells and tissues – The microscope, Cells, Cell organisation.

Plant and animal reproduction – Plant reproduction, Fertilisation and seed production formation, seed dispersal. Human reproductive systems, The menstrual cycle, Having a baby, Health and pregnancy.

Environment and Adaptation – Dependence on Other Organisms and Food chains, Food webs.

Variation and classification – DNA and inheritance, Variation, Continuous and discontinuous variation

Photosynthesis – Dependence on other organisms.

Chemistry:

Particles – Solids, liquids and gases, Particle theory (including gas pressure, diffusion and density), Physical changes, Heating and cooling curves.

Atoms and elements – Atoms and elements (including atomic structure), The periodic table, Calculating density (not in revision guide).

Acids and Alkalis – Acids and Alkalis, PH Chart, Neutralisation reactions.

Pure and impure substances – Mixtures, Separating mixtures (all techniques)

Simple chemical reactions – Chemical reactions, Balancing equations.

Physics

Energy transfers – Energy transfer, More on energy transfer, Conservation of energy, Energy efficiency (not in revision guide).

Forces and effect – Forces and movement, Friction, Air and water resistance, Force diagrams,

Electricity – Electrical Circuits, measuring Current and Potential Difference, Series Circuits, parallel Circuits.

Energy resources – Energy resources, Generating electricity.

Magnets and electromagnets – Magnets, Electromagnets.

Students should be given their exercise books in order to revise for the test.

Resources for the blocks can also be found on the MLE:

Students > science > Year 7

BBC bite size is another useful resource (<http://www.bbc.co.uk/education/subjects/zng4d2p>).

Doddle can also be used for revision:

<https://www.doddlelearn.co.uk/app/login>

- **Institution:** select High Storrs School
- **Username:** 1st name followed by 2nd name with capitals and 17. (include any hyphens)
- **Password:** highstorrs (unless students have changed it)

Passwords can be reissued by staff if students forget them!

If you have any questions with regard to this assessment please do not hesitate to contact me.

Kind regards

Yours sincerely

Mrs Richards-Gourves

Teacher of Science (Leader of Learning KS3)

l.richards-gourves@highstorrs.sheffield.sch.uk

A copy of this letter can be found on the MLE:

Students > science > Year 7 > Letters