



Dale Avenue, Hassocks, West Sussex, BN6 8LP

Telephone: 01273 845892

Facsimile: 01273 846358

E-mails: office@downlands.w-sussex.sch.uk
head@downlands.w-sussex.sch.uk

Headteacher: Mr M Wignall

May 2019

Dear Parents/Carers

Year 8 Science Summer Assessment – Week beginning 10 June 2019

The Science Department's Summer assessment will cover the topics below and this will be in a lesson the week beginning 10 June. Their teacher will inform them which lesson in that week it will be.

Below is the detail of the topics that will be covered and the assessment will consist of initially short answers to test knowledge and a Maths in Science section and then some longer exam style questions in a section testing Science investigation and application skills.

- **One Born** – male and female human development, the menstrual cycle, fertilisation and pregnancy, inheritance and types of reproduction and flowering plants.
- **Inventors** – electricity including current and potential difference, circuits, resistance, insulators and conductors, magnets, electromagnets and the Earth's magnetic field.
- **24hour in A&E** – health, medicinal and recreational drugs, pathogens, epidemics and pandemics, immunity and immunisation.
- **The Chemical Apprentice** – the periodic table, metals and non-metals, Groups 1, 7 and 0.
- **Sci-Fi** – waves, sound, the ear, reflection and refraction of light, the eye and colour.
- **Spy Games** – compounds, conservation of mass, chemical equations, reactions of metals and oxygen and reactions of metals and acids, reactivity series.

For revision resources, there is the KS3 revision guide that was available in Y7 pictured above to the right, but we also have another revision guide if you do not have one, pictured below to the right. This one can be bought online through our school for £5.80 and picked up from our Science Technicians (with picture or email evidence of the receipt provided to the student).

You can also use BBC KS3 Bitesize and Doodle to help in preparation for the assessment.

I have also put a folder of revision on Doodle for this purpose.

Yours faithfully,

M Lowe

M Lowe
KS3 Coordinator Science

