**Form 8 CE Revision**

**Autumn term 2018**

**Note to aid revision:**

Revision is an activity which should be on going – 10 minutes a day is far more valuable than 2 hours the day before the exam.

Prepare everything you need before you start revising – pens, pencils, rubbers, rulers etc.

Revision is front of the TV, ipod, ipad etc is unlikely to be time well spent

Make notes, diagrams, mind maps, lists - whichever method best supports your learning

Be thorough – do not just revise the areas you enjoy most – these are the parts you are likely to already know – revise the parts you find harder to understand

Ask someone (Mum, Dad, relative, friend) to test you

Do not try to do too much at one time – break the work down into ‘bite size chunks’

Use the **ISEB Science for CE 13+ Revision Guide,** and answer the relevant questions at the end of each section

**Write a Revision Timetable – and stick to it!**

Work covered this term:

**Chemistry ISEB Science for CE 13+ Revision Guide**

Acids and Alkalis – the pH scale **pp 73-76**

Litmus and Universal Indicator

Reactions of acids with metals – acid + base …….

Neutralisation and neutralisation reactions

Carbonates – thermal decomposition

Carbonates – reaction with acids

**Biology**

7 Signs of life **pp2-7**

The human body:

Breathing – lungs, gaseous exchange **pp24-26**

The heart and blood **p7**

Respiration – aerobic and anaerobic

Physiological changes during exercise

**Physics**

Forces **pp90-93**

Gravity and weight **p110**

Mass and weight

Density **pp100-102**

Pressure **pp110-111**

Extension of springs as a load is added – elasticity