

## **Year 12 Applied Pre-Course Task**

### **Task Deadline:**

**Your first Applied lesson in September**

### **Task:**

#### **Part1**

Please familiarise yourself with this specification, this is your course and will require a lot of independent study if you are to succeed.

Log on to your area (if you can) or do this at home. Place the file below into your area under Applied Science you will need three folders Unit1 and Unit 2 and Unit 3.

<http://www.aqa.org.uk/subjects/science/applied-general/science>

Page 6-11 gives you an overview of your course

Page 22 tells you where you can find support materials

Look at pages 23-38 (unit 1)

#### **Part 2**

a) Print out pages 23-38

Highlight the first topics in Biology Chemistry and Physics

Highlight one thing you have never heard of or think will be really hard.

Look up that statement and write a few lines about what it means.

b) This is from page 33, please write a section about the advantages and disadvantages of these sources and their suitability for use in a range of contexts.

The generation of useful energy through the use of a range of different sources, such as: fossil fuels

- nuclear fuels
- renewable fuels such as: solar power (both heat and light)
- wind power
- wave power
- tidal power
- traditional hydroelectric power
- geothermal sources
- biomass

Important notes:

You must use your study time well. You always have something to be doing.

You need to go over content covered in class and increase your depth of understanding of it there are several ways you can do this;

For example, you need to be revisiting class notes and doing something active with them (highlighting, re wording, turning them into a mind map). If your notes are up to date then

you need to be reading ahead using the syllabus to give you the information the exam will cover.