

# 9B2 Plants Homework 1

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A rough guide as to how the marks are given is as follows:

		Effort Grade		Achievement of task
A	Excellent	this effort grade will rarely be given – to get this mark the work must demonstrate great effort and real clarity	+	Excellent understanding of the work
B	Good	will be given e.g. when a lot of effort has obviously been put into the work or when the work is very clearly set out	=	Good understanding of the work
C	Average	will be given for work which is of a satisfactory, acceptable standard; if you get less than C you must improve the standard at once!	–	Poor understanding of the work
D	Poor			
E	Very Poor			

If a question has one or a number of \* before it then it contains points which are inherently difficult and which will be met more generally in subsequent years.

## 5 Photosynthesis investigation

The word equation for photosynthesis is:



**Plan** an investigation into whether each of the following are necessary for photosynthesis, and \*how each factor affects the rate of photosynthesis.

**chlorophyll**

**carbon dioxide**

**light**

**water**

Do this by going through the stages below, writing each stage up carefully before you go on to the next stage.

- Make a prediction and back the prediction up with a reason.
- Explain how you will make the investigation fair.
- Describe what you will do and the apparatus you will use.
- Show how you will record your results as clearly as possible.