**Name: Zein 9S…………………………………………..**

**Topic: 9B – Plant Growth**

Title: Photosynthesis

**TASK 1: Calculate the gain in mass**



205lb is the initial mass

380lb is the final mass

205lb=92kg 380lb=172kg

172-92=80 Answer= 80kg ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

ggy



**TASK 2: Summarise photosynthesis**

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**TASK 2:**

Photosynthesis is the respiration of plants and at the same time, it also makes their food. This reaction is between Carbon Dioxide and Water combined with sunlight and chlorophyll cells in plant to create glucose and oxygen.………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

**TASK 3: What is the word (and symbol) equation for photosynthesis**

\_CO2\_\_\_\_\_\_\_\_\_ + \_\_\_H2O\_\_\_\_\_ 🡪 \_\_\_C₆H₁₂O₆\_\_\_\_\_\_ + \_O\_\_\_\_\_\_

Reactants

(Raw Material)

Products

**Explain what aerobic respiration is and how this is linked to photosynthesis. Wat is the word and symbol equation for photosynthesis??**

Aerobic respiration is a combustion reaction to create glucose and oxygen (in plants) Aerobic respiration for plants is rather the inverse of combustion using its products to create food and oxygen. Aerobic respiration is breathing however it is with using oxygen , this differs in may organisms due to the different gas exchanges. ….……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

**Summary Questions**

………………………………………………………………………………………………………1) To create their own food

2) Because sunlight is present during the day

3) Carbon Dioxide + Water -🡪 Glucose + Oxygen

4) Chloroplasts

5) It’s the green pigment of plants and plays a role

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