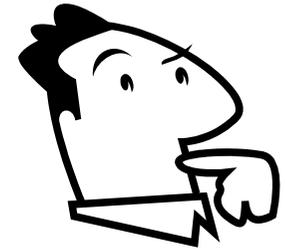


# Photosynthesis Progress Check



Name

Date

	Learning Outcomes	✓ 😊	? 😐	x 😞
1	I have reviewed the structure of plant cells, identifying the cell wall, cytoplasm, nucleus, and chloroplasts.			
2	I can state that plants make their own food through photosynthesis.			
3	I can state the word equation for photosynthesis.			
4	I can describe the role of chloroplasts as trapping sunlight for photosynthesis.			
5	I have carried out an experiment to show that starch is made during photosynthesis.			
6	I can describe the test for starch.			
7	I can state that plants store glucose as starch.			
8	I know that the sun is the source of all energy for food production.			
9	I have investigated how plants help to sustain life and can present my findings. (e.g by providing oxygen, food, habitats, raw materials, medicines)			
11	I can state that nitrogen, potassium and phosphorous are needed for healthy growth.			
12	I can explain that nutrients are absorbed through the roots of plants so they must be soluble.			
13	I can state that the necessary nutrients should come from the soil but are sometimes lacking and that fertilisers can be used to replace them			
14	I can state 2 examples of natural fertilisers			
15	I know artificial fertilisers are made in a laboratory.			
16	I can interpret data to help me describe a link between fertiliser use and plant yield.			
17	I can state at least 2 reasons why the use of fertilisers has increased.			

18	*I can describe how fertiliser use affects the environment.			
19	I have carried out some research into one method used in agriculture from chemical fertilisers, organic fertilisers, herbicides, pesticides, fungicides, insecticides. I can describe its use and evaluate its impact on food production.			

In this topic I have successfully.....

To make further progress I should.....

Target: In the next topic I will.....