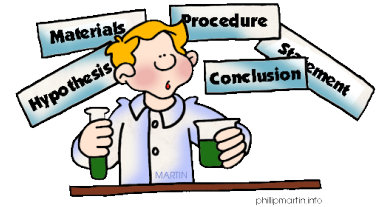
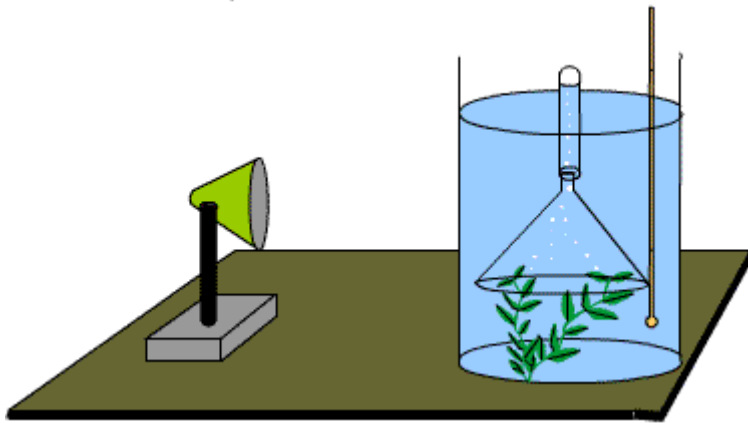


You need to know the content of this sheet. 100%

100% Practical Sheet Photosynthesis



Investigate the effect of light intensity on the rate of photosynthesis using an aquatic organism such as pondweed.



"What is it? What is it for?"

Why is the lamp used?

What is the thermometer for?

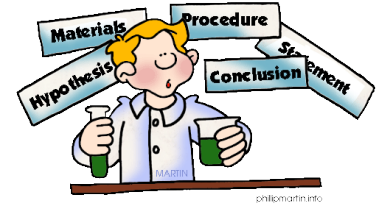
A ruler and stop clock are missing from the image – why are these important?

"What do you do with it?"

How do you set up the equipment?

You need to know the content of this sheet. 100%

100% Practical Sheet Food Tests



Organisms

are organised on a cellular basis and require a supply of energy or materials.

“What do you learn? What if...? What else... ?”

1. From memory, summarise the method used for each food tests. Use as few sentences as possible.
2. List as many control variables as you can – explain how and why each of these is controlled.
3. How could the experiment be adapted to investigate the effect of the colour of light on the rate of photosynthesis?