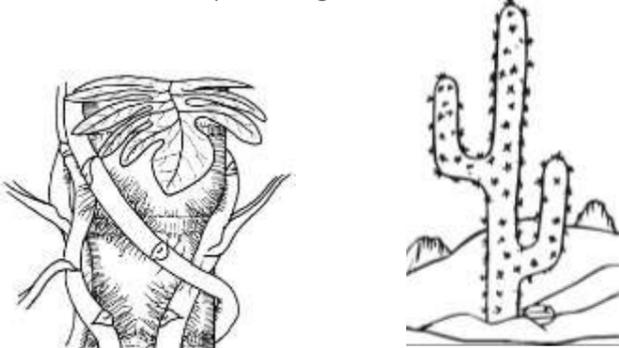
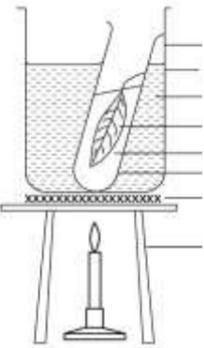
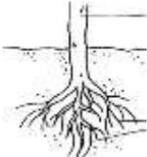
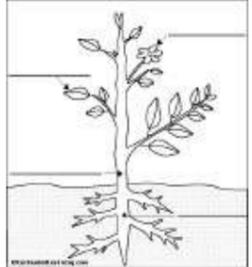
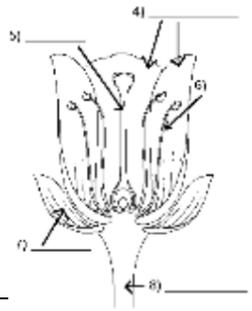
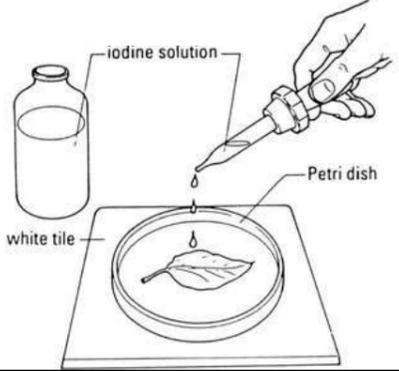


%	I can ...	Prove it!
<p>80%+</p>	<p>Link concepts to explain why some diet related diseases are more prevalent in MEDCs than LEDCs and vice versa.</p> <p>Link specific enzymes to the digestion process</p> <p>Explain how stomata work in terms of diffusion</p> <p>Explain the process of transpiration</p> <p>Link methods of pollination, locality and genetics to the spread of diseases within plants</p> <p>Write a balanced symbol equation for photosynthesis</p>	<p>1) Countries have different diets. With this in mind why might certain diseases be more common in certain countries? Give at least 2 named diseases as examples.</p> <p>2) Give three enzymes and link them to a specific function in the digestive system.</p> <p>3) Describe how the stomata work in terms of diffusion.</p> <p>4) Ms Clark placed a bag over a set of leaves it appeared to collect water. Describe the scientific process happening here in a comic sketch.</p> <p>5) Mr Trueman is trying to decide whether to purchase an allotment. Write a letter to him to help him decide the conditions he would want for his allotment linking clearly to plant growth and photosynthesis.</p> <p>6) Write a balanced symbol equation for photosynthesis.</p> 
<p>70%</p>	<p>Design a menu that would provide a balanced meal</p> <p>Link deficiencies in certain food groups to diseases</p> <p>Describe how food passes through the digestion system using appropriate key terms including "physical", "chemical", "molecules" and "enzymes"</p> <p>Design an experiment to investigate one factor that may affect the rate of photosynthesis</p> <p>Link plant adaptations to the habitat and conditions in which they are located</p> <p>Explain how water is lost from a plant</p> <p>Explain the difference between the processes of "fertilisation" and "pollination"</p>	<p>1) Jameel is opening a healthy restaurant. Design a breakfast, lunch, snack and dinner options that he can offer that will be healthy to his visitors. Annotate your menu to show which food groups he is including.</p> <p>2) We need to eat a healthy diet because we need the correct n_____ for our body to g_____, r_____ and d_____. Not eating enough of the f_____ that we need can cause us</p> <p>3) Sketch out the journey of a cheese sandwich through your digestive system. Make sure to use the key terms "Physical", "Chemical", "Molecules" and "Enzymes".</p> <p>4) Alice would like to see how her tomato plant might be affected by different conditions. Design an experiment to test the effect of sunlight on plant growth. In your method, identify the IV, DV and CV as well as the step-by-step method they would need to use.</p> <p>5) Discuss how these plants might be adapted for their environment.</p>  <p>6) Which plant is more likely to lose water. Explain your answer.</p> <p>7) Give two differences between Fertilisation and Pollination</p>
<p>60%</p>	<p>Describe the use of each food group in the body</p> <p>Describe what happens in each organ in the digestive system</p> <p>Write a word equation for photosynthesis</p> <p>Explain the purpose of 3 plant adaptations</p> <p>Describe the procedure for testing for starch</p> <p>Explain how a root is adapted to absorb water</p> <p>Explain the purpose of a flowering plant</p>	<p>1) Give a use for each food group from the 40% Q1.</p> <p>2) Describe the key role of each organ in the digestive system.</p> <p>3) Write out the word equation for photosynthesis:</p> $\text{_____} + \text{_____} \xrightarrow[\text{Sunlight}]{\text{Chlorophyll}} \text{_____} + \text{_____}$ <p>4) Give three purposes for the <u>three</u> adaptations from 50% Q5.</p> <p>5) Describe in 6 steps the procedure for testing starch.</p> <p>6) Give three ways the root is adapted to absorb water.</p> <p>7) Give the purposes of each part of the flowering plant in 50% Q8.</p>  



%	I can ...	Prove it!
	<p>Name 1 food rich in each food group</p> <p>Describe 2 effects of an unbalanced diet</p> <p>Describe the purpose of the digestive system</p> <p>Identify 3 things required for photosynthesis to occur</p> <p>Describe 3 adaptations of a plant that allows it to photosynthesise</p> <p>Identify the colour expected if starch is present</p> <p>Describe the part of the plant that enables plants to absorb water and the vessels that it travels through within the plant</p> <p>Describe the main structures within a flowering plant</p>	<p>1) For each unscrambled food group in 40% Q1 give an example of a food that is rich in it.</p> <p>2) Give two consequences of an unbalanced diet: (i) _____ (ii) _____</p> <p>3) Give two roles of the digestive system. (i) _____ (ii) _____</p> <p>4) Circle three things a plant needs to photosynthesis: Carbon dioxide Copper Sulphate Chlorine Water Iron Oxide Sunlight</p> <p>5) Using the diagram of a plant identify <u>three</u> adaptations that allow it to photosynthesise.</p> <p>6) Colour expected if starch is present is.. (circle). Blue Black Green Brown Red Yellow</p> <p>7) Explain how the plants absorb water and the vessels it travels through</p> <p>8) Give the main structures within a flowering plant.</p>  
	<p>Identify the 7 different food groups</p> <p>Explain what is meant by a 'balanced' and 'unbalanced' diet</p> <p>Identify the unit for energy Name the main organs in the digestive system</p> <p>Identify the type of organisms that 'photosynthesise' and one variable that effects this</p> <p>Describe where plants get water from</p> <p>Name the chemical used to test for starch</p>	<p>1) Unscramble these anagrams for the seven food groups: TASF PTROINE CABHYDROTSEA VMITNAS FBIER MNEIARLS WTARE</p> <p>2) Isabel has only been cooking for herself when she described her diet to her friends she was told it was quite unbalanced. What might this mean for how she was eating?</p> <p>3) Name the main organs of the digestive system: (i) _____ (ii) _____ (iii) _____ (iv) _____ (v) _____</p> <p>4) _____ are organisms that can photosynthesise. This means they can use sunlight, water and carbon dioxide to make food for themselves. But their rate of photosynthesis can be affected by _____.</p> <p>5) Write two sentences explaining to Mr Barnes where plants get water from.</p> <p>6) Ali wanted to test if a plant had been photosynthesising what brown chemical should he use?</p> 

Key Terms:

Sunlight	Chlorophyll	Producers	Sugar	Oxygen	Animals	Glucose	Carbon dioxide	Oxygen	Hydrogen
Glucose	Molecules	Temperature	Concentration	Limiting factor	Light intensity	Pancreas	Liver		
Small Intestine	Large intestine	Anus	Leaves	Stem	Root	Xylem	Phloem	Design	
Experiment	Purpose	Deficiency	Disease	Diabetes	Scurvy	Adaptation	Transpiration		
	Diffusion	Protease	Carbohydrase	Amylase	Lipase				



