**Plant Tissue and Organ Homework.** Q) What are the adaptations of the leaf?

* **Draw and label your diagram showing the structure of a leaf. You may wish to colour code your diagram showing the organ and tissues.**

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Q) What is chlorophyll and why is it important?

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Q) True or false with reasons……Photosynthesis is a chemical reaction that occurs in the mitochondria and produces oxygen and water. ......................................................................................................................................................................................................

Q) What is the role of the stomata in the leaf?

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Extension.

Q1) Discuss and explain when and how plants carry out photosynthesis and when and how they carry out respiration.

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