**Activity 6.4 - To see if chlorophyll is needed for photosynthesis**

**Skills - A03.1 Using techniques, apparatus and materials, A03.3 Observing, measuring and recording, A03.4 Interpreting and evaluating observations and data**

* Wear eye protection if available.
* Take care with the boiling water.
* Alcohol is very *flammable*. Turn out your Bunsen flame *before* putting the tube of alcohol into the hot water.
* Use forceps to handle the leaf.

1. Destarch a plant with variegated (green and white) leaves. Then leave your plant in a warm, sunny spot for a few days.
2. Test one of the leaves for starch (Activity **6.2**).
3. Make a drawing of your leaf before and after testing.

**Questions**

**A1** What was the control in this investigation?  
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**A2** What do your results tell you about chlorophyll and photosynthesis?  
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