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Photos Go Green

How do you find a greener way to print photographs? The procedure is fairly simple and is an example of a classical science experiment in the development of botany. This experiment is an attempt to show that carbohydrate production during photosynthesis is light sensitive.

Soak the leaf in boiling alcohol let it sit for 5 to 10 minutes, in order to leach out chlorophyll. After that place the leaf in iodine and let it soak for 5 minutes, the iodine solution turns dark in the presence of carbohydrates, one of the products of photosynthesis. It is understood that the chemicals are hazardous and all work was directly supervised by an adult and performed in the high school chemistry lab under a ventilation hood.

In conclusion, our experiment worked, but the leaves on the plant that we used were too waxy. The results of the experiment would have been supported by our hypothesis if the experiment was completed on a different type of plant or leaf.