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Subject: Real Science-4-Kids Biology, Level 1

## Chapter 6 Notes

### Supplies

To do the experiments and hands-on activities, you will need a microscope and some basic equipment, including live protozoa. Here are some links to equipment and supplies we're using.

Microscope:

[http://www.hometrainingtools.com/product\\_categories/17/products/5820-home-microscope](http://www.hometrainingtools.com/product_categories/17/products/5820-home-microscope)

Depression Slides: <http://wardsci.com/product.asp?pn=IG0005406>

Protist Set 1: <http://wardsci.com/product.asp?pn=IG0014798>

Glass Droppers: <http://wardsci.com/product.asp?pn=IG0005436>

Eosin Y 1.0%:

[http://www.hometrainingtools.com/product\\_categories/127/products/2965-eosin-y-1-15-ml](http://www.hometrainingtools.com/product_categories/127/products/2965-eosin-y-1-15-ml)

### Websites

Biology4kids.com has good information on protozoa:

[http://www.biology4kids.com/files/micro\\_protozoa.html](http://www.biology4kids.com/files/micro_protozoa.html)

[http://www.biology4kids.com/files/micro\\_protozoa2.html](http://www.biology4kids.com/files/micro_protozoa2.html)

### Butterfly Project

We've completed our butterfly project. It went on for longer than expected. William found a nice fat caterpillar in our milkweed and put him in the pavilion with a bunch of milkweed leaves to feast on. A couple of days later another tiny caterpillar about 1/8" long appeared. There must have been an egg attached to one of the leaves. So we started over. William brought in more leaves and let the little guy forage while his buddy hung from the rafters. When that one was about an inch long, another one appeared.

We hatched several butterflies from eggs, then put any remaining stragglers back on the milkweed to complete their cycles.