



Time / Cost Estimate

Time: Prep - 10 min / Active - 45 min

The prep time is allotted to make the sodium hydroxide solution. The active time can vary depending on whether students have access to their own hot plate, as waiting to use a microwave can take a significant amount of time. The active time also includes clean up time, which can be significant because the hardened soap and vegetable shortening is difficult to wash off.

Initial Cost: \$60.50 - \$100.50

The upper limit of the cost includes the price of soap moulds. To save money, soap moulds can be made from boxes lined with plastic wrap or plastic bags. Due to the large quantity of sodium hydroxide pellets purchased, leftover pellets can be used for activities in future years.