



a WOW Lab

BLUEPRINT

The Glovely Digestion Model

Time / Cost Estimate

Time: Prep - 1 hr / Active - 15 min

Construction of the model is best accomplished by having all the necessary tools, materials and instructions on hand and it is by reading through the instructions before beginning. The assembly is broken up into three stages (see *Prep Instructions*). The first two stages will take approximately 10 minutes each, and the last stage will take around 15 minutes. An additional 5-10 minutes will need to be allocated for drilling the Plexiglas sheet. Drill the Plexiglas carefully to avoid cracking it. Ensure that all plumbing fixtures are screwed in tightly and that all seals are strong.

Initial Cost: \$54.50 - \$73.50

The majority of the cost for this activity consists of the purchase of the Plexiglas sheet and plumbing equipment. However, these items are completely reusable, therefore repeat costs are significantly lower. Only low-costing, consumable items, such as the cookies, baking soda and vinegar, need to be purchased for future demonstrations.