



a WOW Lab  
**BLUEPRINT**  
The Chemical ( $\text{KNO}_3$ )-How

## Time / Cost Estimate

**Time: Prep - 10 min / Wait - 20 min / Active - 10 min**

The prep time includes setting up the activity, dissolving the potassium nitrate in hot water and painting it onto a piece of paper. The waiting portion is the time it takes for the paper to dry.

**Initial Cost: \$16.00**

With the exception of the potassium nitrate, most of the items used for this activity can be found around the home or classroom. Once the potassium nitrate is bought, it can be used for several years; in subsequent years, this activity can be repeated for little cost.