

## Encouraging Tomorrow's Chemists

# *Illuminating Chemistry*

Supplies for one classroom for one session

### **A. Phosphorescence and fluorescence**

Filter paper

3-4 Dropper bottles of each solution A and B

Bottles of tonic water

Beaker

Fluorescein dropper bottle

Fluorescein waste container

3-4 UV lamps

### **B. Chemiluminescence**

~30 small vials of 5 mL of luminol solution

~30 large vials of 5 mL of weak hydrogen peroxide solution

~30 large vials of 5-10 mL of strong hydrogen peroxide solution

~30 1-mL plastic syringes

2-3 Bottles of bleach (fresh)

Wint-o-green Lifesavers

Pliers

Curad bandages