

# **SCIENCE @ THE LIBRARY**

## **FUN FLY STICK**

The Fun Fly Stick is an ingenious battery operated static electricity generator that allows you to float tinsel shapes on a cloud of electrons.

### **MATERIALS:**

- 1 Fun Fly Stick Wand
- 7 Mylar “flying” toys - 1 hourglass, 3 spheres, 1 butterfly, 2 Bands

### **HOW DOES IT WORK?**

- Press the button on the Fun Fly Stick for a few seconds to generate a negative static charge.
- Drop the tinsel shape onto the stick to quickly transfer the negative charge to the tinsel. Since like charges repel each other, the negatively charged tinsel shape floats above the negatively charged stick.
- If you want to impress someone with your newly acquired knowledge, just tell them that the Fun Fly Stick is a demonstration of "electrostatic propulsion and the repulsion of like charges." Okay, if you really want to impress someone, just make the shapes float!