

## CWSF 2005 - Vancouver, British Columbia



### Emma Smith

#### **Nuke It!: The Truth About Microwave Ovens**

**Division:** Life Sciences

**Category:** Senior

**Region:** East Parry Sound

**City:** Sundridge, ON

**School:** Almaguin Highlands Secondary School

**Abstract:** This project examined myths about microwave ovens. Over 21 days, 40 plants were watered with microwaved or unheated water. Plants receiving microwaved water grew taller than those receiving unheated water, indicating that a water molecule's function changes during microwaving. This has considerable application to food molecules and human health.