

# **Safe and Healthy Schools Workshop**

## **Session 3: Discussion Topics**

Luke Gard, CIEC, CMC, BOC  
Children's Mercy Hospital  
Center for Environmental Health  
[lcgard@cmh.edu](mailto:lcgard@cmh.edu)



# Vapor Generator

- Uses:
  - Air flow direction
  - Air flow movement
  - Vent identification
- Cost ~ \$65



Dragon Puffer Air Flow Indicator



# Single Gas Detector (CO)

- Measures:
  - Carbon monoxide
  - 1 – 1000 ppm
  - Capable of datalogging
- Cost ~ \$175



# Combustible Gas Detector

- Measures:
  - Combustible gases
  - Is a leak present
  - Does not quantify amount
- Cost ~ \$200



# Thermohygrometer w/ IR Thermometer

- Measures:
  - Temperature
  - Relative Humidity
  - Wet Bulb and Dew Point
- Cost ~ \$200



# Moisture Meters

- Used to measure:
  - Whether a surface is wet or not
  - Extent of issue/damage
- Cost \$250 - \$700



# Digital Camera

- Takes excellent and inexpensive photos
- Can reach into small spaces
- Allows user to edit photos
- Cost \$300 - \$1000



**What's Next?**