

# GERMS are TOUGH

- Virus can be transferred from dry smooth surface up to 20 minutes after being contaminated.
- Some viruses can travel on droplets through the air.
- *E. coli*, *salmonella* and other bacteria can live up to two hours on surfaces like doorknobs, keyboards, and tables.
- Bacteria doubles every 20 minutes.
  - Five bacteria in a sandwich at 12:00 noon will total over 10 million by 7 pm. After three days, with no bacteria dying, there would be enough to cover the earth.
- Microorganisms can build up resistance to drugs (antibiotic resistance) intended to kill them.
- Hot water will not kill bacteria—only temperatures over 140 degrees can kill them.

**WASH YOUR HANDS!**  
**COVER YOUR COUGH!**