

## Review sheet – Home Cooling

### □ Home Cooling

- Humidity
- Relative Humidity- simple calculation of RH
- What happens to relative humidity when the temperature of air changes.
- Air Conditioner
  - Operating principle of Air Conditioner
  - Components of air conditioners – What happens at each component?
  - Types of air conditioners, which ones are more efficient?
  - Terms used to measure efficiency (EER and SEER) and their meaning
- Factors affecting the size of a room air conditioner
- Energy Savings
  - Natural Cooling
  - Payback period calculation using EER
- Tips for efficient AC operation and saving money