

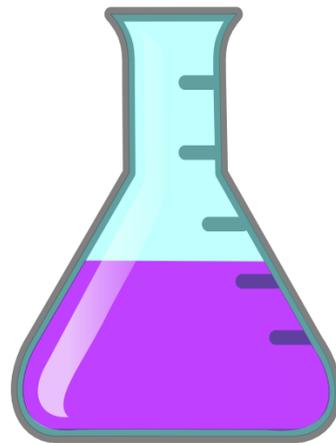
GROUP ROLES



- **Materials manager**
- **Recorder**
- **Observer**
- **Timekeeper & Encourager**

MATERIAL MANAGER

Gathers and returns materials, pours water (with teacher help for hot), keeps the table tidy



. KEY DUTIES

- Gets cups, spoons, water, and materials
- makes sure everything is shared fairly
- helps clean up at the end

RECORDER

writes/types down group observations on the form



• KEY DUTIES

- fills out the chart accurately
- asks for group input before writing
- writes group members' name on the form

OBSERVER



watches closely and describes what's happening in each test

• KEY DUTIES

- looks carefully and explains what they see out loud
- helps decide what to write in the chart
- reminds group to look at both hot and cold cups

TIMEKEEPER & ENCOURAGER



keeps the group moving and makes sure everyone participates

• KEY DUTIES

- watches the time & keeps the group on track
- encourages kind teamwork
- reminds group to move to the next step