

The Design Process

- A. **Instrument** (circle one): wind vane anemometer
- B. **Instrument measures** (circle one): wind direction wind speed
- C. **Your Design** (sketch your design and label all materials)

D. **Feedback from group:**

- 1.
- 2.

E. **Testing Procedure** (explain how to use your instrument to measure wind)

- 1.
- 2.
- 3.
- 4.

The Design Process (cont.)

F. Table 1: Results of Testing the Instrument

| Possible problem with instrument design | Planned changes | Results of testing revised design |
|---|-----------------|-----------------------------------|
| | | |
| | | |
| | | |

G. Final Design (draw sketch of revised design and label all materials)

H. Table 2: Measuring Wind Data (speed or direction)

| | Trial 1 | Trial 2 | Trial 3 |
|-----------|---------|---------|---------|
| Date | | | |
| Time | | | |
| Location | | | |
| Wind data | | | |