## $\mathrm{H}_{2} \mathbf{G O}$ Criteria and Constraints

## Criteria

Move 100 mL of water from one beaker to another beaker.

## Constraints

- The beakers must be 100 cm apart.
- Only the following materials may be used:
- 5 Lengths of airline tubing
- 1 Plastic syringe
- 4 Connectors
- 1 Three-way valve
- You cannot move any of the pieces from one beaker to the other. (You cannot carry the water.)

