Handout for Task 2: Basic Model

Materials: beach ball globes (prepared w/ up & down arrows), transparency strips, tape, transparency pens (red, blue, black), paper towel & water (for erasing), poster paper, poster markers (red, blue, black).

Task 2: With your group:
1. Use a black transparency pen to draw the surface winds on your globe predicted by your model.
2. Now use the transparency strips to make a 3-D representation of the convection cells around the globe implied by your model.
   - Draw arrows on the transparency strips to indicate the direction of air.
   - Use red for warm air and blue for cold air.