Handout for Task 2: Basic Model

<u>Materials</u>: 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).

<u>Task 2:</u> 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.