Explain the outcome of experiments #2-6. Not in class? You will have to submit the assignment late after I have been able to post the videos.

Experiment #1 Wire wrapped around a nail and connected to a battery and held near a magnetic compass.

Experiment #2 Balloon inflated with much air is in a plastic bottle with a top fitted to with a tire valve so it can connect to a tire pump.

Experiment #3 Balloon inflated with very little air is in a glass bottle with a top fitted to take a vacuum pump connection.

Experiment #4 Tony the diving tiger is floating in a round plastic bottle filled with water.

Experiment #5 An eyedropper is floating in a round plastic bottle filled with water.

Experiment #6 Another eyedropper in on the bottom of a flat plastic bottle filled with water.