Objective: In groups of 3-5 design and construct a roller coaster using only the provided supplies that will successfully get a marble from point A to point B while exploring mechanical energy!

Brainstorm: Think about a design for your coaster. Use the space on the left page of your notes to brainstorm any ideas you might have.

Jobs:
- Director
- Technician
- Communicator
- Materials Manager
- Assistant Engineers (If needed)

Materials:
- 5 Cups
- 10 Paper Plates
- 10 Straws
- Scissors
- 1 Marble
- 1 Roll of tape

Procedures:
1. Your Coaster must have different heights, turns, loops, tunnels, etc. throughout... be creative!
2. Perform multiple test runs to make sure your marble can reach the end before time is up!
3. Draw your successfully working rollercoaster in your ISN and label the following:
   - Greatest Kinetic Energy
   - Least Kinetic Energy
   - Greatest Potential Energy
   - Least Potential Energy