

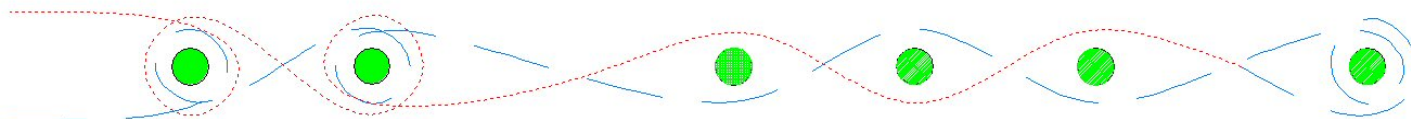
**SAINT JOSEPH'S PREPARATORY SCHOOL**  
**PHYSICS LAB EXERCISE**  
**Bowling Balls and Brooms**

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_ PERIODS: \_\_\_\_\_

COLLABORATORS: \_\_\_\_\_

DATE REPORT IS DUE: \_\_\_\_\_

You will be investigating the nature of circular motion. A track will be set up for you to follow, as illustrated below:



Using brooms your group will need to navigate the track, as fast as you can. For each instance the bowling ball leaves the track (the other groups will judge if the bowling ball has left the track) five seconds will be added to you overall time.

Analysis:

Write a detailed description of your observations about circular motion. This description should include, but not limited to, your overall time to navigate the track, how many times you left the track, and how your group worked together.