Appendix 3.3

Physical Activity and Randomness

1. Predict the number of times the spinner will stop, after 5 trials, in the area corresponding to the students' preferred physical activity. Explain your prediction.

2. Spin 5 times and record the results in the table below. (Enter **p** for the preferred activity and **x** for the other activities.)

The students' preferred physical activity will be chosen _____ times within a 5-day period.

3. Predict the number of times the spinner will stop, after 20 trials, in the area corresponding to the students' preferred physical activity. Explain your prediction.

4. Spin 20 times and record the results in the table below. (Enter **p** for the preferred activity and **x** for the other activities.)

	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
Week 1					
Week 2					
Week 3					
Week 4					

The students' preferred physical activity will be chosen _____ times during a 20-day period.

5. Depending on your results, is it better to use the planning board or the spinner to choose daily physical activities? Why?