

## Winding Up/ Student Walk

### Predict. . .

Will the motion be a constant velocity? Why or why not?

How will the graph of this motion appear? **Sketch your prediction in the space below**

### Test. . .

What data do you need to collect to determine the motion? Explain

Devise an experiment to gather the data you need to determine the motion. **Provide your procedure below**

### Analyze . . .

Plot the data on a displacement versus time plot on a separate piece of graph paper.

### Conclude. . .

Does the data set demonstrate constant velocity?

What is your evidence for making this conclusion?

Do the results match your prediction? Why or why not?