**Preactivity text**

Before we start our activity, complete the following:

Part 1:

Match the following measurements with their correct units by putting the letter of the measurement in the blank next to each unit:

­­­

1. \_\_\_\_\_\_\_ meters
2. \_\_\_\_\_\_\_ m/s
3. \_\_\_\_\_\_\_ m
4. \_\_\_\_\_\_\_ seconds
5. \_\_\_\_\_\_\_ s
6. \_\_\_\_\_\_\_ km
7. \_\_\_\_\_\_\_ km/hr
8. \_\_\_\_\_\_\_ m/s north
9. \_\_\_\_\_\_\_ hr
10. Distance
11. Time
12. Speed
13. Velocity

What is acceleration?

Part 2:

Describe the motion of the object in the following graphs *(Don’t worry about numbers: just think fast, slow, forwards, backwards…)*





Time (seconds

Time (seconds

Figure 2: Distance vs. time of moving object B

Figure 1: Distance vs. time of moving object A

Distance (meters)

Distance (meters)