**Task: Understand why the red car goes faster than the blue car
when it travels more miles than the blue car in the same amount of time.**

1) You are going to act out the car races with your hands. Pretend your hands are cars. Mark two distances on a table or desk, with one distance roughly twice the length of the other distance. Label the longer distance 50 meters. Label the shorter distance 25 meters. Place your hands at the starting line, as if they were cars.

   a. Start the race by moving each hand along its distance at a constant rate.
   b. One hand will move "25 meters," and the other hand will move "50 meters."
   c. Ask a friend or parent to call out the time each second. Both of your hands have to stop at 3 seconds.
   d. Move your hands so that each hand finishes its race in 3 seconds.
   e. Run the race several times until you have mastered moving your hands so that each hand finishes its race in 3 seconds.

2) What did you notice?

3) Draw and label a diagram that shows why the red car travels faster than the blue car when the red car travels more miles than the blue car in the same amount of time.