



At the Race Line

Objective: Students will practice connecting and disconnecting their EV Challenge vehicles from a race guide line in preparation for Race Day.

Materials: 3 test tracks, weights or heavy books, space large enough to stretch the race lines our fully

Procedure:

1. Set up the test tracks so that the guide line is fully extended and stretched so that it does not touch the ground. NOTE: It may sag in the middle, which is fine for testing.
2. Use weights on the end blocks like heavy textbooks or actual weights if available.
3. Allow students to take turns connecting and disconnecting their EV Challenge vehicles from the race line without disturbing the line. Students will have 2 minutes to get ready for their race heats, so they need to be able to connect and disconnect quickly.



What students will see on race day.