

ResistanceRace™

Lesson Directions Overview

Equipment List

- 3 Pacer 200™ Stopwatches
- 1 Small ResistanceRace™ Parachute
- 1 Large ResistanceRace™ Parachute

Learning Objectives

1. Experience how air resistance affects a runner.
2. Learn how a parachute creates air resistance (drag).
3. Understand the impact of drag on the momentum of an object.

Grade Levels: 2-5, 6-10

Vocabulary Covered

1. Speed
2. Velocity
3. Air Resistance/Drag
4. Momentum

NGSS Topics Addressed

1. Forces and Interactions
2. Energy
3. Structure, Function, and Information Processing