

Step by step guide_Speed and Velocity

Pre-Class Preparation

Prepare stopwatches, measuring tapes, balls, and recording sheets.

Phase 1: Discovery (15 minutes)

[SAY] Today we will learn about speed and velocity.

[DO] Distribute materials for rolling ball experiment.

Phase 2: Instruction (10 minutes)

[SAY] Speed is the rate of change of distance with time.

[WRITE] $\text{Speed} = \text{Distance} / \text{Time}$

Phase 3: Practice (10 minutes)

[SAY] Let us work through examples together.

Phase 4: Assessment (5 minutes)

[SAY] Complete the exit ticket individually.