

MAZERUN™

Lesson Directions Overview

Equipment List

- 1 MazeRun™ Tarp
- 3 MazeRun™ 24" L Barriers
- 6 MazeRun™ 12" L Barriers
- 9 MazeRun™ 6" L Barriers
- 2 MazeRun™ Hills
- 1 MazeRun™ Ball Trap
- 1 Start Patch
- 1 End Patch
- 1 Set Rainbow® Foam Golf Balls

Learning Objectives (Header Underlined Style)

1. Students learn about forces by working together to move a golf ball from the Start Patch to the End Patch in a maze of their creation.
2. Students strategically utilize simple machines to improve the speed the ball travels.
3. Students discuss areas of energy conversion within the maze.

Grade Levels: K-12

Vocabulary Covered (Header Underlined Style)

- Force
- Acceleration
- Friction
- Gravity
- Potential Energy
- Kinetic Energy

NGSS Topics Addressed (Header Underlined Style)

- Engineering Design
- Forces and Interactions
- Energy