

Jump for Mean, Median & Mode

Purpose & SOL

- The student will use mean, median, and mode while finding out information about his or her classmates and performing team exercises.
- Math 5.16

Materials

- Jump Worksheet - double side if you want to do 2 rounds (1 for each student or pair)
- Tape measures or painters tape with measurement marks.
- Best played outside

Length
20 min.

Introduction

Play a game of opposites to warm up. Say “Up” and students squat down. Say “down”, students jump up. “Stop” = run in place. “Go” = freeze.

Review mean, median, and mode with the students before beginning the activity.

Implementation

Strategy

- 1) Explain that we will be testing the jumping skills of each student. Pair students up.
- 2) Students will start with trial 1. Student A jumps and both students record the measurement based on where his heels landed on the measuring tape. Student B jumps and both students record the measurement.
- 3) Continue until both students have completed 5 jumps. Have students stand with their hands in the air to show they are done jumping.
- 4) Instruct students to find their own mean, median, and mode. When they are complete, have them find their partner’s mean, median, and mode. Have students check their partner’s work.
- 5) Flip the paper over and repeat this activity.

Cool Down

Have students perform runner’s stretch (lunge) on both legs to cool down.

Modifications

Students can jump on the teacher’s “go” signal, so all students are working at the same pace.



Name _____

JUMP

Mean, Median, Mode

YOU _____

Trial 1

Write your 5 jump numbers on this line in
numerical order.

Jump 1 _____

Jump 2 _____

Jump 3 _____

Jump 4 _____

Jump 5 _____

Mean of how far you can jump from trial 1 _____

Median of how far you can jump from trial 1 _____

Mode of how far you can jump from trial 1 _____

PARTNER _____

Trial 1

Write your partner's 5 jump numbers on this line in
numerical order

Jump 1 _____

Jump 2 _____

Jump 3 _____

Jump 4 _____

Jump 5 _____

Mean of how far you can jump from trial 1 _____

Median of how far you can jump from trial 1 _____

Mode of how far you can jump from trial 1 _____