



Name: Addison Cuevas

Date: 08-12-2022

Student Exploration: Measuring Motion

Directions: Follow the instructions to go through the simulation. Respond to the questions and prompts in the orange boxes.

Vocabulary: distance, speed

Prior Knowledge Questions (Do these BEFORE using the Gizmo.)

The **speed** of an animal is how fast it is moving. A speed of 6 m/s (meters per second) means that the animal moves a **distance** of 6 meters every second.

1. How would you measure the speed of an animal?

Simply dividing the distance traveled by the time it took the animal to move.

2. What do you think are the fastest animals?

I believe that a peregrine falcon is the quickest animal.

Gizmo Warm-up

You have been sent on an African safari by *International Geography* magazine. Your assignment is to find the fastest land animals in the world. Your only tool is a video camera.

The safari is shown in the *Measuring Motion* Gizmo.

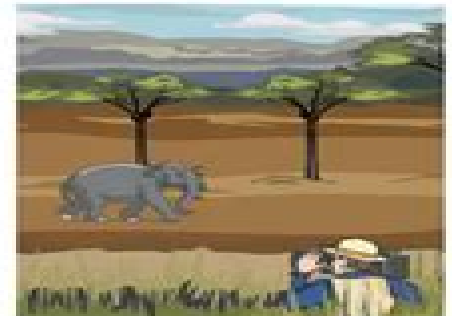
1. On the SAFARI ADVENTURE tab, wait for an animal to pass by. Press the record button (). Press stop () when the animal has passed by.

- A. Which animal did you record?

A lion

- B. Was the animal walking or running?

It was on foot.



2. Select the PLAYBACK tab. Practice using some of the different buttons on this tab:

- Use the Play () button to replay the simulation.
- Click Rewind () to go back to the beginning.
- Click Advance frame () to move forward exactly one second at a time.
- Click Tools at upper left, and drag some arrows () onto the recording to mark the positions of the animals at different times.
- Use the Time slider to go to a specific time.

Measuring Motion Gizmo Answer

A Gutmann



Measuring Motion Gizmo Answer:

Vowelless Crosswords Frank Longo, 2009-06 What's better than crosswords? That's right, crosswords with no vowels! At first these challenging but fiendishly fun puzzles look like the usual crossword. But there's a devilish twist: you write only the consonants in the boxes, not the vowels. So when you look at the grid, there's no quick way to know exactly how many letters make up the right solution. Plus, because you don't need as many spaces for each word, the phrases can be longer than usual, and that makes the grids wide open and ratchets up the difficulty level. For those who need a little extra help, there's a hints section to tear out and refer to when needed, as well as grids with wordlists explaining, with vowels, what the answers are. *Chicago Tribune Index*, 2003 *American Rifleman*, 1957 **Get Moving! Describing and Measuring Motion | Physics for Grade 2 | Children's Physics Books** Baby Professor, 2022-12-01 This book will introduce your second grader to the concept of motion. It will begin with an explanation of how both living and non-living things move. It will then touch briefly on Newton's Laws of Motion. The second chapter will talk about the forces that affect movement. The third chapter will explain how motion can be measured.

The Enigmatic Realm of **Measuring Motion Gizmo Answer**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing lacking extraordinary. Within the captivating pages of **Measuring Motion Gizmo Answer** a literary masterpiece penned by way of a renowned author, readers attempt a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting impact on the hearts and minds of those who partake in its reading experience.

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