



Stepping Up To Estimation

OBJ: Student will be able to:

1. Estimate their 50m pace count.
2. Compare and contrast their actual vs. estimated pace count.
3. Observe and evaluate how inclines and declines affect their estimates.

Directions

1. Mark off a 50-m level distance and an 50m-inclined distance.
2. Have students estimate there 50m level pace counts only counting on one foot. Record your results.
3. Have students walk 50m and record actual pace count.
4. Have students estimate pace count uphill and downhill and record their estimate.
5. Have students walk uphill and downhill and record their actual pace count.
6. Have students graph actual vs. estimate on all terrains.

	Level	Uphill	Downhill
Actual			
Estimate			
Difference			

Extensions: Have students estimate there pace count up hills of varying degrees 5, 10 and 15 degrees. Now have the students analyze the hills and evaluate whether the hills angle affect their pace count and by how much. Record results.

Filename: Stepping Up To Estimation
Directory: C:\WINDOWS\Desktop\debbie
Template: C:\WINDOWS\Application
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Author: Marty Daniel
Keywords:
Comments:
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Change Number: 1
Last Saved On: 3/30/2001 12:15 PM
Last Saved By: Marty Daniel
Total Editing Time: 8 Minutes
Last Printed On: 4/2/2001 11:29 AM
As of Last Complete Printing
Number of Pages: 1
Number of Words: 158
Number of Characters: 809