

Lab Framework

Text: Cord/ AMME

Unit number and title: Unit 3 Measuring in English and Metric/Unit 15
Using Formulas to solve Problems/Integrated throughout starting in
Unit 6

Short Description: Your out for a game of golf and you would like to determine how far you walk. How many calories would you burn?

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Lab Title

Golf a Walk in the Park

LAB PLAN

TEACHER: Teacher Prep/ Lesson Plan

- **Lab Objective**
Conversion of yards to feet to miles.
- **Statement of pre-requisite skills need:**
Fundamentals of golf
- **Vocabulary**
Tee, feet, miles, yards, greens, pins, calories

Golf score card, calculator
- **State Standards addressed**
Math: A1.1.A, A.1.8.A, A1.8.B, A.1.8.C
- **Leadership Skills**
Team work, small groups with assigned roles, present information to class.
DECA, FFA, FBLA, FCCLA, SkillUSA
- **SCAN Skills/Workplace Skills**
Problem solver ability to communicate, ability to work will with other people.
- **Set-up information**
Score card from golf courses, computers to down load score cards, calculator and pencils.
- **Lab organization:** Students can work in groups of 2 or individually one class period of 55 min.
- **Teacher Assessment of student learning** accurately of conversions, worksheet completion, formative evaluation.
- **Summary of learning**
Discuss real the world effects of inaccurate and incomplete data, students will present there findings, discuss of the conversion of the measurement from yards to feet and feet to miles.

- **Optional activities**

Have the students estimate the amount of miles walked and then they could convert to calories burned. The round can be estimated on 9 or 18 holes.

Career Applications

Golf and turf management

Pro golf management.

Landscape architecture.

LAB TITLE: Golf a walk in the Park

STUDENT INSTRUCTIONS:

- **Statement of problem addressed by lab**

Students will calculate the amount of miles walked when playing a round of golf.

- **Grouping instructions and roles**

The students will work in groups of 2 or individually. They will convert the measurements from yards to miles.

- **Procedures – steps to follow/instructions**

1. The students convert the amount of yards to feet per hole.
2. The students will add up the amount of feet per hole.
3. The students convert the amount of feet to miles.

- **Assessment instructions (peer-teacher)**

Students analyze the data to calculate the amount of miles walked in one round of golf.

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Lab Data Collection

Student: _____ **Date:** _____

Unit: Cord Unit 1 AMME Unit 3 _____

Lab Title: Golf a Walk in the Park

Criteria: How far will you walk in miles in a round of golf?

Data Collection: The amount of yards per hole from a scorecard.

Calculations: Convert total amount of yards to feet then feet to miles then calculate the total amount of miles walked in a given round of golf.

Summary Statement:

To find the total amount of miles walked in a typical round of golf.

Other Assessment(s)

Convert the amount miles to the amount of calories in a typical round of golf.

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