
A WALK AROUND THE PARK



3rd-4th Grade

Math

40 Minutes (25 minutes on-site, 15 minutes in class)

Prerequisites:

Students should understand the basic concepts of *perimeter* and *area*.

Learning Objectives:

Students will work together to calculate the perimeter and area of Save The Giants park, and will have the opportunity to practice inches-to-feet measurement conversions.

Required Materials:

- ❖ Open reel measuring tape (available on-site)
- ❖ Attached worksheet (double sided)
- ❖ Pencils
- ❖ Optional: portable writing surface / clipboard

Directions:

At Save The Giants park, explain to students that they'll be working together to determine the size of the park. After asking for 2-3 student volunteers, use Save The Giants' open reel measuring tape to measure the length (depth) of the park. When you have the number (in inches), announce it, and have non-volunteering students record the number on part one of their worksheet. Either with the same volunteers, or with new ones, proceed to measure the width of the park, repeating the same process.

In the classroom, remind students that they will be using the numbers they found to determine the size of the park. Depending on students' comfort with the involved concepts, you can either have them complete part two of the worksheet individually, in small groups, or as a class.

Depending on your students' grasp of long division, you may choose whether to let them convert the perimeter and area from inches into feet.

How Big is the Park?

PART ONE:

What is the **LENGTH** of the park? _____ in.

What is the **WIDTH** of the park? _____ in.

PART TWO:

Since Save The Giants park is a *rectangle*, you can use the park's **LENGTH** and **WIDTH** to find out its **PERIMETER** and **AREA**!

The *perimeter* is the amount of space *around* a shape.

Use these steps to find out the park's perimeter:

First, add the **length** and the **width**. _____ + _____ = _____

Now, multiply their sum by 2.

$$\text{_____} \times 2 = \boxed{\text{_____}}$$



That's the
perimeter!

The **AREA** is the amount of space *inside* a shape

Use this step to find out the park's area:

Multiply the **length** by the **width**. _____ x _____ =



That's the area!

