

# Super Sand Castle Saturday



## Math Skills

Non-standard units of measurement  
Inches

## Reading Skills

Fluency: word, line, first  
Initial Comprehension: second 2

## Summary

Juan, Sarah, and Larry enter a sand castle contest. Larry promises to give a prize for the tallest tower, the deepest moat, and the longest wall. The friends measure their castles with shovels, spoons, and their feet. When Larry uses his tape measure, the friends are surprised that their answers are not the same as Larry's answers. They learn the importance of using standard units of measurement.

## Vocabulary

ride	today	tallest	tower	too	to
tall	taller	too	time	two	

## Introduction

**Materials:** art paper, yarn, scissors

Help students create a bulletin board of non-standard units of measurement. Label the display 3 units. Provide art paper or yarn for students to cut and label three units of a measure they choose. You may suggest some of the following ideas for units: paper clips, pencils, desk widths, shoes, steps, arm spans, and hands. As students add their measures to the display, have them explain what measure they used. Then discuss the different lengths shown and the need for standard units.

## Getting Ready to Read

Ask students to tell their experiences playing with sand or building sand castles. Some may have been to a beach, and some may have played in a sand-box. If possible, provide a sand table for students to experiment with sand and water. Have them explain how water helps hold the sand together and how water can wash it all away. Then show students the book cover and ask them to describe where the story takes place.

## During Reading

Encourage students to look at the art as you read the book to them, particularly the pages where the friends use shovels, spoons, and their feet as units of measure. Ask students if they agree with how the children are measuring or if they think there might be a better way.

## After Reading

Ask students why it was so important for the sand castles to be built before the tide came in. Some students may describe experiences of tides washing away their work. Then discuss why the friends' measurements did not lead to the same conclusions as Larry's measurements.

# Great Source Mathstart Student Reader Super Sand Castle Saturday Measuring

**Stuart J. Murphy**



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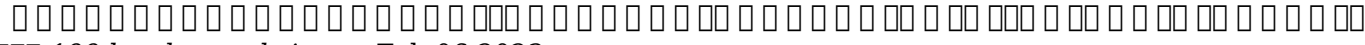
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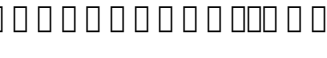
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