Unit 9, Lesson 15

Building a Trundle Wheel

Let's build a trundle wheel.

15.1 What Is a Trundle Wheel?

A tool that surveyors use to measure distances is called a *trundle wheel*.

1. How does a trundle wheel measure distance?



2. Why is this method of measuring distances better than the methods we used earlier?

3. How could we construct a simple trundle wheel? What materials would we need?

15.2 Building a Trundle Wheel

Your teacher will give you some supplies. Construct a trundle wheel and use it to measure the length of the classroom. Record:

1. The diameter and circumference of your trundle wheel.

2. The number of clicks across the classroom.

3. The length of the classroom.

Be prepared to explain your reasoning.