Unit 9 Lesson 11: Building a Trundle Wheel

1 What Is a Trundle Wheel? (Optional)

Student Task Statement

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 in the previous lesson?
- 3. How could we construct a simple trundle wheel? What materials would we need?



2 Building a Trundle Wheel (Optional)

Student Task Statement

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 of your trundle wheel
- 2. the number of clicks across classroom
- 3. the length of the classroom (Be prepared to explain your reasoning.)