

# Lesson Plan

## Units of measurement - Measure using an inch ruler

Second (2) - Math

### LEARNING TARGET

- Students will be able to measure objects to the nearest inch and half inch using a standard ruler.
- Students will be able to identify and differentiate between inches and half inches.

### LEARNING PROGRESSION

#### PREREQUISITE SKILL

Measurement -

#### EXTENSION SKILL

Units of measurement -

#### DURATION

- Introduction (5 minutes)
- Instruction (15 minutes)
- Guided Practice (15 minutes)
- Misconception Review (5 minutes)
- Independent Practice (15 minutes)
- Exit Card Formative Assessment (5 minutes)

#### MATERIALS

- Rulers (one for each student)
- Objects of varying sizes for measuring (e.g. pencils, books, paperclips)
- Measuring worksheet

#### VOCABULARY

- Inch
- Half inch

### INTRODUCTION

1. Show students a ruler and explain that we use rulers to measure the length of objects.
2. Review the concept of inches and half inches, and how they are represented on a ruler.

### INSTRUCTION

1. Demonstrate how to use a ruler to measure an object to the nearest inch and half inch.
2. Use an example object and model the process of measuring from the 0 mark to the appropriate line on the ruler.
3. Point out the difference between the whole inches and the half inches on the ruler.

### **GUIDED PRACTICE**

1. Provide each student with a ruler and an object to measure.
2. Circulate and assist as needed, ensuring students are measuring to the correct increment.
3. Once students have measured their object to the nearest inch and half inch, have them record their measurements on the worksheet.

### **INDEPENDENT PRACTICE**

1. Provide each student with a worksheet containing several objects to measure to the nearest inch and half inch.
2. Allow students to work at their own pace and provide assistance as needed.

### **HOMEWORK**

1. Have students verbally share one thing they learned about measuring to the nearest inch and half inch.

### **EXIT TICKET**

1. Have students verbally share one thing they learned about measuring to the nearest inch and half inch.

### **SUMMATIVE**

Summative assessment evaluates student learning at the end of a large lesson or unit. Summative assessments are the end progress monitoring point in data collection.

### **CLOSING**

1. Review the concept of measuring to the nearest inch and half inch, and remind students of the importance of accurate measurements.

### **TEACHING TIPS**

Provide visual aids, such as large rulers or pictures of rulers, to assist students who may struggle with fine motor skills or visual impairments.

### **MISCONCEPTIONS**

Students may struggle with correctly identifying the increments on the ruler. Emphasize the difference between the whole inches and half inches, and provide additional practice if needed.

Students may also confuse the concept of inches and centimeters. Remind students that inches are a measurement of length commonly used in the United States, while centimeters are used in other parts of the world.

### **EXTENSION**

- For advanced students, challenge them to measure objects to the nearest quarter inch or eighth inch.
- Have students work in pairs to measure and compare the lengths of different objects.

### **INTERVENTION**

- Provide additional practice opportunities for students who may struggle with measuring to the nearest inch and half inch.
- Consider using tactile or visual aids to assist students who may have difficulty with fine motor skills or visual impairments.

### **COMMON CORE STANDARD**

2.MD.A.1 - Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes.

# Terms of Use

Thank you for purchasing our digital download teaching resources. Before using these materials, please review the following information:

**Permitted Use:** You are granted a non-exclusive, non-transferable, revocable license to use these materials only for personal or classroom use. You may print and make copies of these materials for use in your classroom or for your personal use. You may also share digital copies with your students or colleagues for instructional purposes only.

**Prohibited Use:** You are not authorized to give, sell, or distribute these materials to others or post them on any public forum or website. You may not modify or create derivative works based on these materials. You may not use these materials for commercial purposes or financial gain, including but not limited to selling, renting, or licensing the materials. You may not remove or alter any copyright notices, trademarks, or other proprietary rights in these materials.

**Intellectual Property:** All materials are protected by intellectual property laws, including but not limited to copyright and trademark laws. The content and design of these materials are the property of TeachTastic LLC. Any unauthorized use or reproduction of these materials is strictly prohibited.

**Disclaimer:** These materials are provided “as is” without warranty of any kind, either express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose. TeachTastic LLC does not guarantee that the materials will meet your requirements or be error-free.

**Limitation of Liability:** In no event shall TeachTastic LLC be liable for any direct, indirect, incidental, special, or consequential damages arising out of or in connection with the use or inability to use these materials, even if TeachTastic LLC has been advised of the possibility of such damages.

**Contact Us:** If you have any questions or concerns regarding this or any other TeachTastic LLC product, please contact us at [webmaster@teachtasticep.com](mailto:webmaster@teachtasticep.com) before leaving feedback.

By purchasing and using these digital download teaching resources, you agree to abide by these terms.