Congratulations on your purchase of this Really Good Stuff®
How to Read a Ruler Poster—a valuable resource for helping
students learn to read a ruler and to understand equivalent
measurements.

This Really Good Stuff® product includes:
• How to Read a Ruler Poster, laminated
• This Really Good Stuff® Activity Guide

Displaying the How to Read a Ruler Poster
Before displaying the How to Read a Ruler Poster, make copies
of this Really Good Stuff® Activity Guide and file the pages for
future use. Or, download another copy of it from our Web site
at www.reallygoodstuff.com. Hang the Poster where students
will be able to see it easily.

Introducing the How to Read a Ruler Poster
Ask students to describe what they already know about the
numbers and markings on an inch ruler. Many students may
already know that 12 inches make 1 foot, the length of a
standard ruler.

Have students take out their own rulers and review the
markings together while pointing to the Poster: Ask students
to find the 6” mark, the 2” mark, and so on. Once students
have demonstrated understanding of this concept, point out
the marks in between each numeral. Direct students to use
the Poster to help them identify the half-inch mark on their
ruler as a starting place. Go through each measurement
between the inches with students using the Poster as a guide.

Hands-on Fractional Measurements
Have students hold their own rulers and review the
markings while pointing to the Poster: Ask students
to find the 6” mark, the 2” mark, and so on. Once students
have demonstrated understanding of this concept, point out
the marks in between each numeral. Direct students to use
the Poster to help them identify the half-inch mark on their
ruler as a starting place. Go through each measurement
between the inches with students using the Poster as a guide.

Color-coded Fractions of an Inch
Copy and distribute the Finding Fractions of an Inch
Reproducible. Using the Poster as a guide, show students
how they are to color in the inch marks, half-inch marks,
quarter-inch marks, eighth-inch marks, and sixteenth-inch
marks on the appropriate sample rulers. For a challenge,
have students find and color all the measurements they can
on each ruler and trace the marks in the corresponding
color. The sixteenth-inch sample ruler will be retraced many
times, as students trace their halves, quarters, eighths,
and sixteenths on the same lines.

Tapping Out Fractions of an Inch Song Reproducible
Copy and distribute the Fractions of an Inch Song
Reproducible. Have students get out their rulers and explain
that the lines on a ruler are so small that they will need to use
just the tip of their fingernail to touch each mark accurately.
Have students sing and interact with their rulers while tapping
their fingernails on the appropriate ruler markings.

Equivalent Fractions
Tell students to measure and cut out three rectangular strips
of paper that measure 5” x 2”. Have them fold a strip in half.
Label each half 1/2.

Have students fold another strip in half and then into fourths.
Label each section 1/4.

Point out to students that 1/2 is the same size as 2/4. Then
have students fold another strip of paper into eighths and
label each section 1/8.

Make a Craft with Measurement
Copy the Measurement Craft Reproducible. Place the
reproducible, rulers, scissors, and colorful scraps of paper in a
math center. Instruct students to follow the directions on the
reproducible to make one of the crafts.
Fractions of an Inch Song Reproducible

Directions: While singing this song to the tune of “Here We Go Round the Mulberry Bush,” tap the tip of your fingernail on the fractional inch markings along your ruler for each verse. At the end, count all the fractional inch markings between any 2 inches on your ruler.

Tap your tip on a half of an inch,
Half of an inch, half of an inch.
Tap your tip on a half of an inch;
There’s 2 in every inch!
(Spoken as you tap the marks): ½, ¾!

Tap your tip on a quarter inch,
A quarter inch, quarter inch.
Tap your tip on a quarter inch;
There’s 4 in every inch!
(Spoken as you tap the marks): ¼, ¾, ¾, ¾!

Tap your tip on an eighth of an inch,
An eighth of an inch, an eighth of an inch.
Tap your tip on an eighth of an inch;
There’s 8 in every inch!
(Spoken as you tap the marks): ⅛, ¾, ¾, ¾, ¾, ¾, ¾, ¾!

Tap your tip on a sixteenth of an inch,
A sixteenth of an inch, sixteenth of an inch.
Tap your tip on a sixteenth of an inch;
16 in every inch!
(Spoken as you tap the marks): ⅛, ½, ¾, ¾, ¾, ¾, ¾, ¾, ¾, ¾, ¾, ¾, ¾, ¾, ¾, ¾, ¾!
Measurement Crafts

Make a House:
1. For the first floor: Cut a brown square measuring 4½" on each side.
2. For a door: Cut a black rectangle measuring ¾" x 1½". Glue it to the center of the first floor.
3. For two windows: Cut two yellow squares measuring 1" on each side. Draw a 1" vertical line down the center of each and a 1" horizontal line across the center of each yellow square. Glue the windows on either side of the door.
4. For the roof: Cut a gray triangle with a 4½" base. Make the other two sides of your triangle any length. Glue it on top of your 4½" first floor.
5. Decorate your house with bricks, shutters, a chimney, and so forth.

Make a Truck:
1. For the body of your truck: Cut a white rectangle measuring 7½" x 2¾".
2. For the cab: Cut a gray square measuring 1¾" on each side and glue it in place on the “front” of the body of the truck.
3. For the windshield on the cab: Cut a black square measuring 5/8" on each side and glue it in place on the cab.
4. Customize your truck with wheels, decals, bumpers, and fenders.

Make a Flat-screen TV:
1. For the outside screen: Cut a gray rectangle measuring 5⅕" x 2⅚".
2. For the inside screen: Cut a black rectangle measuring 4⅞" x 2⅜".
   Glue it to the center of the gray outside screen.
3. For the floor stand of the TV: Cut a black rectangle measuring ¾" x 3¼" and glue it underneath the gray screen.
4. For the platform of the floor stand: Cut a thin black rectangle measuring ¼" x 1⅛" and glue it in place under the floor stand.
5. For an on/off button: Cut a small white square measuring ⅝" on each side to be glued anywhere around the TV screen.
6. Decorate by drawing your favorite TV show on the screen.

Challenge:
Write your own directions for a measurement craft!
Finding Fractions of an Inch Reproducible

Finding Fractions of an Inch

**Directions:** Using the How to Read a Ruler Poster, color-code each ruler below to show the noted markings.

### Ruler 1

- **Trace each inch mark in yellow.**

### Ruler 2

- **Trace each half-inch (1/2) mark in orange.**

### Ruler 3

- **Trace each quarter-inch (1/4) mark in red.**

### Ruler 4

- **Trace each eighth-inch (1/8) mark in blue.**

### Ruler 5

- **Trace each sixteenth-inch (1/16) mark in green.**

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