

Unit 4 Module 4 Session 1

Problems & Investigations-Creating & Measuring Beanstalks

Getting Ready-

- TM T1 Creating & Measuring the Beanstalk
- Measuring tapes marked in inches (half-class set)
- Jim and the Beanstalk by Raymond Briggs (optional, see Preparation)
- 8" × 36" strips of white butcher paper (half-class set plus 2 extra)
- Green and red crayons (class set) • green and red markers (class set)
- rulers (class set, see Note)

VOCABULARY

Inch

Length

Measure

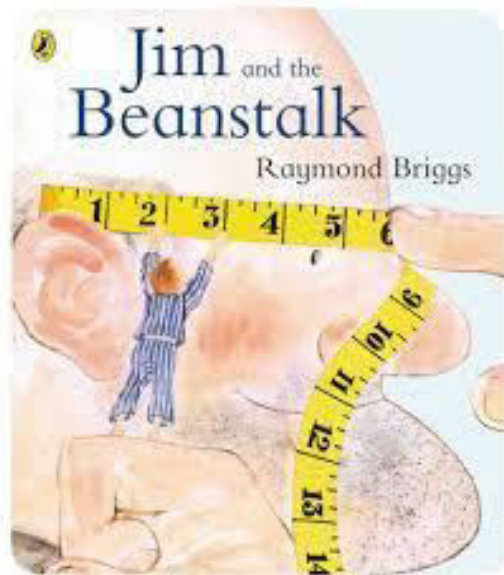
Nearest half-inch (in)

Nearest quarter-inch (in)

I
CAN



- Locate fractions on a number line
- Generate data by measuring lengths to the nearest half or fourth of an inch



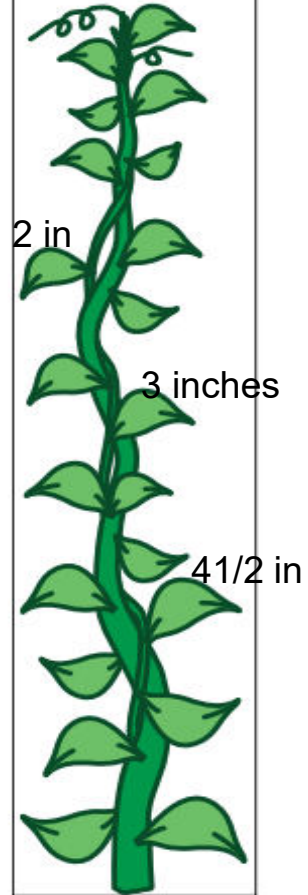
How long do you think the giant's glasses turned out to be? The wig? Teeth?

I wonder how tall the beanstalk was that Jim had to climb?



My Beanstalk is

_____ inches tall





Creating & Measuring the Beanstalk

To create your beanstalk, you will need

- 1 strip of white paper
- green and red crayons and markers

Directions

- 1** Use a green marker, draw a long green beanstalk in the middle and along the length of the paper strip.
 - Make it thinner at the top of the stem and thicker at the bottom.
 - Add a curling vine at the top if you like.
- 2** Draw large and small leaves along both sides of the stalk with your green marker. Add veins to the leaves if you like.
- 3** Color in your beanstalk with a green crayon.
- 4** Write your name and your partner's in the bottom corner.

To measure your beanstalk, you will need

- a measuring tape and a ruler, if you like

Directions

- 1 Estimate first, then measure!
- 2 Use the measuring tape to measure the height of the whole beanstalk, from top to bottom, to the nearest $\frac{1}{2}$ inch.
- 3 Record the lengths on your paper next to the items.
- 4 **CHALLENGE** Use the measuring tape, or a ruler if you prefer, to measure each leaf from tip to stem to the nearest $\frac{1}{4}$ inch.

Work Places

3C Round Ball Hundreds

3D Round & Add Hundreds

4A Tic-Tac-Tock

4B Measurement Scavenger Hunt

4C Target One Thousand

4D Hexagon Spin & Fill

Daily Practice

SB 137 Mass, Volume, & Length Review