

Unit 10 How many inches is your foot?

Learning how many centimeters an inch is and becoming familiar with various units.

Unit Aims

This unit provides an opportunity for children to measure things using the inch measurement unit rather than centimeters and meters that they are familiar with. Although the main theme of the activity is working with numbers, upper grade children should participate with interest since they will have to use inch measurers, which they are not used to, and also calculate and convert the inch measurements into centimeters. It will also be a chance to notice that there are quite a few things in their daily lives that are manufactured with inch standards, such as bicycle tires, pizzas, and TV screens.

Vocabulary

inchx centimeter

Classroom English

How many inches is it?

What part is twenty-four inches?

How many centimeters is one inch?

Let's measure our body parts.

Step of Activities

- (1) Learning that there are items for which inch measurements are used to describe their sizes. P.45
- (2) Calculating and converting the inch measurements found on the previous page into centimeters. P.46
- (3) Measuring different parts of their bodies in inches using the measurer

on worksheet and then converting the measurements into centimeters.

P.47 + Worksheet

- (4) Cutting the parts found on worksheet in lengths they are told and making paper airplanes. P.48 + Worksheet

Reference

One inch is one twelfth of a foot. 24 inches is two feet, 36 inches is three feet. In other words, the duodecimal system is used. By the way, three feet is one yard. For short measurements, fractions rather than decimals are used. For example, one half of an inch is “half an inch”, and a half of that would be “a quarter of an inch”.

Other Possible Activities

1. Have the children measure things other than those that appear on the pages using their inch measurers. They can discover other items made in inch sizes.
Ex. : pencil - 7 inches , the width of a video tape - half an inch
2. Children can also work with measurement units other than length, such as weight or area and measure and convert them into units they normally use. Calculations for conversion taught in math class can be done in English.
One pound is about 450 grams. How many pounds are you?