

TOYBOX



What is the Temperature Today?

Will I Need a Hat?

Beginner: As your child gets dressed to go outside, talk about what they need to wear based on the weather.

[Tip]: “It is cold outside today so you need to wear a jacket,” or “The sun is out today so we need sunscreen.”

Intermediate: Check the weather with your child and talk about what to wear based on the temperature.

[Tip]: Make decisions about what to wear by using a weather app, a thermometer, listening to the radio, or feeling the temperature outside.

Experienced: Have your child check the weather each morning to choose the clothing they think is best for the temperature, and discuss their choices.

[Tip]: “There is a high chance of rain today, do you think you should bring your umbrella?”

Why is this important? Understanding temperature is an important life skill that helps children plan their day.

Reference: Moore, D. A. (1999). Some like it hot: Promoting measurement and graphical thinking by using temperature. *Teaching Children Mathematics*, 5(9), 538.

Number Lines & Ladders

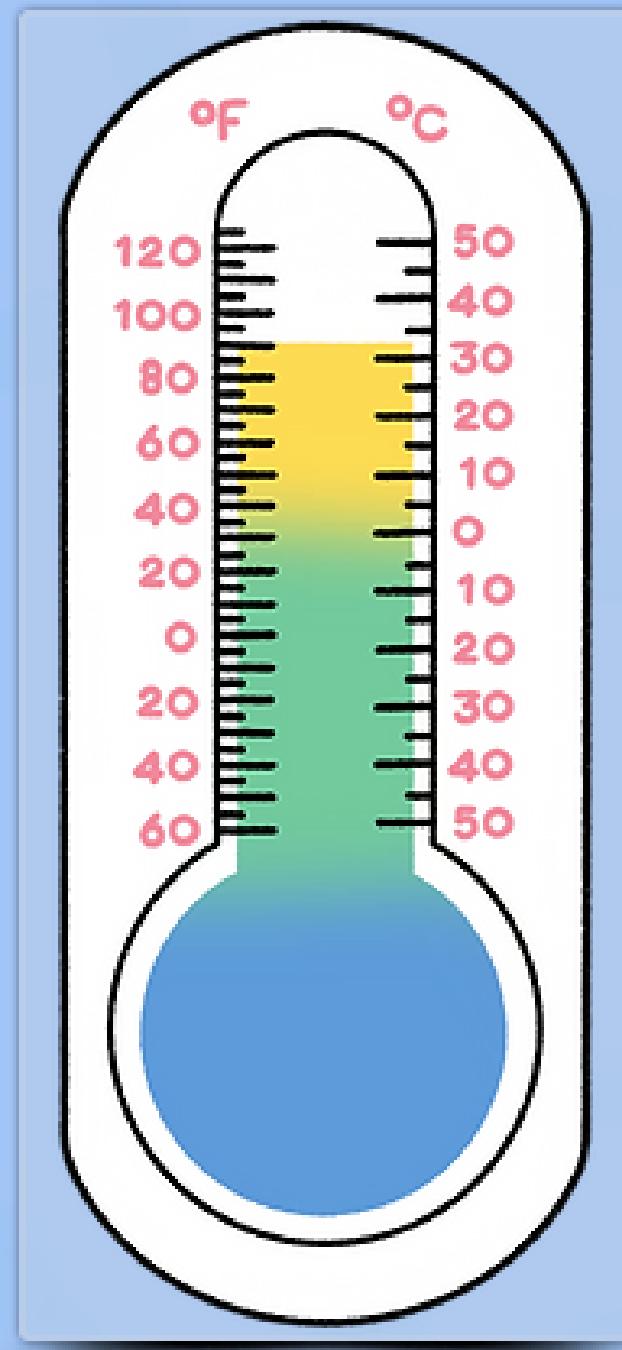
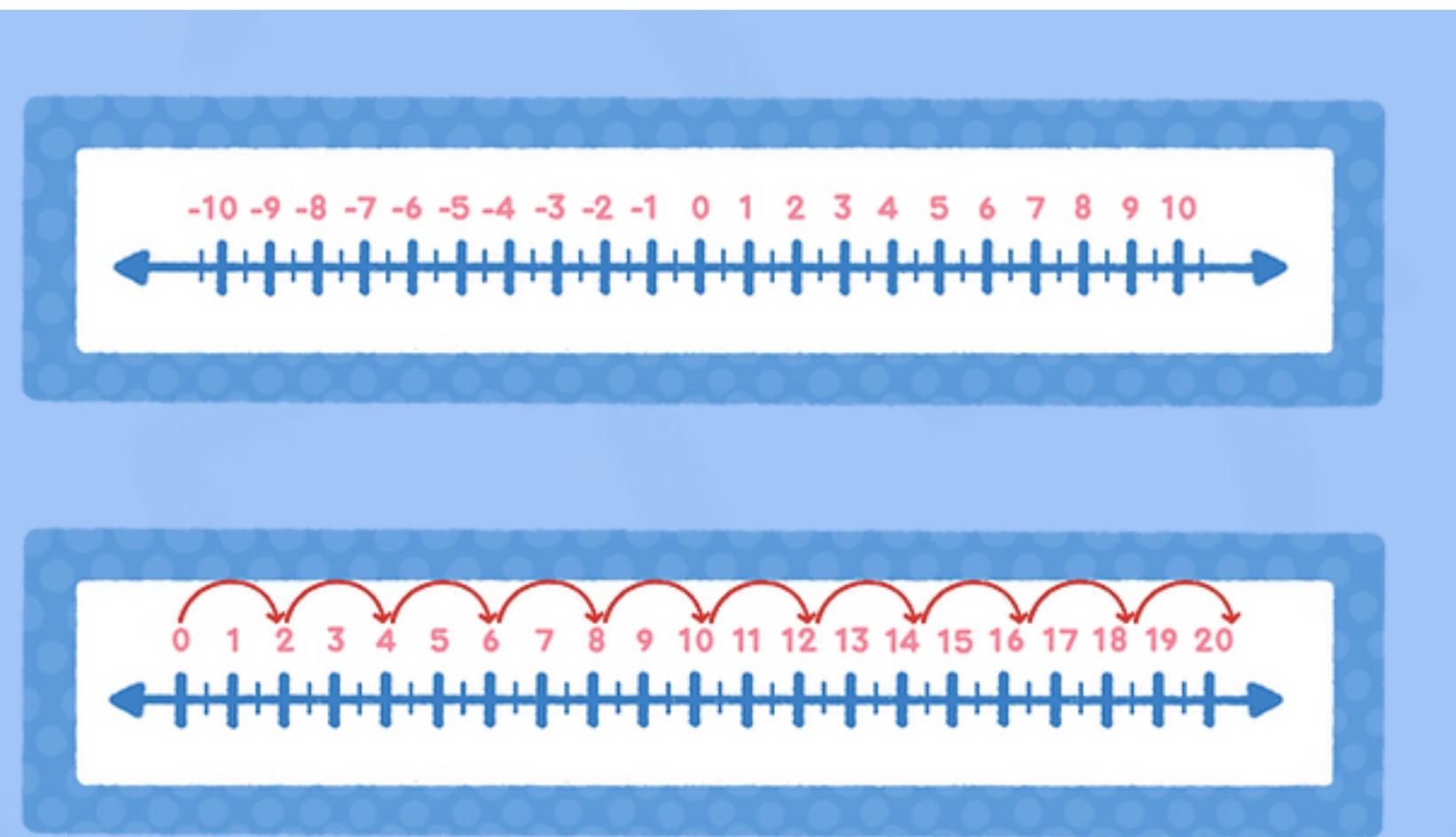
Number Lines show positive and negative integers horizontally, on either side of zero.

Number Ladders are a vertical version of a number line.

Number lines are a visual representations of infinite whole numbers, fractions and decimals, and positive and negative integers, evenly spaced on a horizontal line.

They can be used to learn the order of numbers, as well as to add, subtract, and skip count.

The spacing between numbers does not matter, however leaving large enough spaces between each whole number allows you to visually represent halves and quarters like 1.25, 1.5, and 1.75 in between the numbers 1 and 2.



Number ladders work similarly, except that they are laid out vertically.

We use number ladders to read temperature with thermometers, to show the temperature above and below zero in both Celsius (°C) and Fahrenheit (°F).