

Exit Ticket

Aren't you glad we measure temperature in degrees Celsius!? Have you ever wondered how temperatures in America can be more than 100 degrees (Fahrenheit)!?

Did you know that there is a linear relationship between Celsius and Fahrenheit?
Let's see if you can figure out the rule!

The **Celsius** scale was designed so that 0°C is the freezing temperature of water and 100°C is the boiling temperature of water. For some strange reason, the **Fahrenheit** scale was designed so that 0°F is the freezing temperature of a mixture of water, ice and salt.

Weird, right?

In Fahrenheit, the freezing temperature of water is 32°F and boiling point is 212°F .

SPICY CHALLENGE

Can you create a linear rule that converts a temperature in Celsius to Fahrenheit?

Hint: use the freezing temperature of water to find the initial value (y-intercept).

MILD CHALLENGE

Ask your teacher for the linear rule and then convert 20°C and 30°C into Fahrenheit.

