

2018. Chris McCarthy. Newton's Law of Cooling

See <https://mccarthy.mat501.commons.gc.cuny.edu/newtonian-cooling/> .

Active classroom scenario with step-by-step procedure, data, R code.

**Scenario:** You have hot water (initial temperature ) in a container, say a cup or glass. The temperature in the room is cooler, say a constant degrees Celsius. Come up with a differential equation that models the water's temperature.