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Posted by Anonymous on Fri, 2015-11-27 14:17

Basic calorimeter activities: I'm looking for an easy Calorimeter experiment for heat capacity for Year 11 Physics students. Can you suggest some, please?

Voting:



No votes yet

Year Level:

Senior Secondary

Laboratory Technicians:

Laboratory Technicians

Showing 1-1 of 1 Responses

Answer by ctilley2 on question Chemistry/Physics

Submitted by on 30 November 2015

Answer updated 18 January 2023

The *Teach Engineering* website has two potential activities that you can use.

Hot potato, cool foil—Uses calorimeters to determine the specific heat of three substances: aluminium, copper and another of their choice.

https://www.teachengineering.org/activities/view/cub_heat_lesson1_activity2

Counting calories—Students can discover the basics of heat transfer in this activity by constructing a constant-pressure calorimeter to determine the heat of solution of potassium

chloride in water.

https://www.teachengineering.org/lessons/view/cub_heat_lesson01

Source URL: <https://assist.asta.edu.au/question/3391/basic-calorimeter-activities>