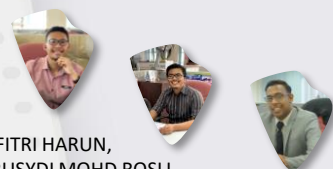


KA71 CAR-TABLE

A simple and effective tool to improve students' capability in writing thermochemical equation



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Objectives



To improve students' understanding on different type of enthalpies in Thermochemistry Chapter



Help students to identify and distinguish different type of enthalpy in a thermochemical equation



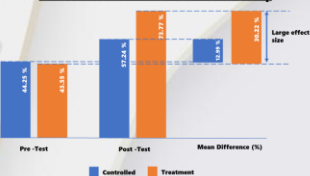
Enhance students' mastery in writing thermochemical equation



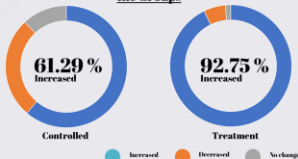
Improve students' ability to differentiate enthalpy change (Heat change, heat released, heat absorbed) of a specific reaction

Findings

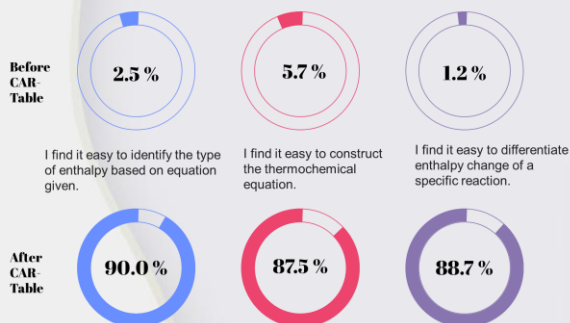
Descriptive Statistic and Effect Size for the Pre and Post-Test for Treatment and Controlled Group



Comparison of Performance According to the Groups



Student Perception on CAR-Table



Recognition



Intellectual Property (IP)
Work: CAR-TABLE
Copyright Number: LY2021E00526



Pre-University Malaysian Innovation
Competition 2021
7-9 and 15 March 2021

Gold Medal Award

Timeline

Phase 1

Analysis of Lesson Plan

Design proses

Development of CAR-Table

Implementation

Evaluation

Phase 2

Teacher centred to student centred.

Create Video

Pilot Test

Administration of Car-Table

Evaluation of feedback

Phase 3

Students progress to be monitored

Updated version of video and use Edpuzzle

Pilot Test

