

## LPHS-Chemistry Outreach Learning

May 4-8, 2020

### (10<sup>th</sup> grade Chemistry – Thermochemistry Unit) Week of (4May - 8May2020)

Teacher/Team:

[larsonc@lpisd.org](mailto:larsonc@lpisd.org)

If there are any questions, please  
feel free to email me at:

[Period 3](#)

[Period 4](#)

[Period 5](#)

[Period 8](#)

Link to:

Previous Lessons: n/a

Link to Class Files:

Specific Heat Calculations

[https://www.youtube.com/watch?v=Q63QPec\\_1bk](https://www.youtube.com/watch?v=Q63QPec_1bk)

## Objectives

Objective / I Can:

- Describe energy and its forms, including kinetic, potential, chemical, and thermal energies.
- Describe the law of conservation of energy and the processes of heat transfer in terms of calorimetry.
- Classify reactions as exothermic or endothermic and represent energy changes that occur in chemical reactions using thermochemical equations or graphical analysis.
- Perform calculations involving heat, mass, temperature change, and specific heat.

## Activities

**Student Activities:** (Resources, videos for students to use.)

**Go to Teams Folder. Look for the assignment:**

1. *Specific Heat Problems*
2. *Thermochemistry Crossword Puzzle*

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### Academic/Instructional Support

#### Schedule & Office Hours

#### Teacher Support - TEAMS

Support for each student will be available through TEAMS and Remind.

Office hours: 8am -12pm M-F, [larsonc@lpisd.org](mailto:larsonc@lpisd.org)

### To Be Graded

#### Assignment for students to submit to TEAMS Folder:

1. *Specific Heat Problems*
2. *Thermochemistry Crossword Puzzle*

#### What assignments will the student submit?

1. *Specific Heat Problems*
2. *Thermochemistry Crossword Puzzle*

#### How will it be submitted?

- Electronically, except by individual arrangement.