

**LPHS Scientific Research and Design Science Outreach Learning**  
**March 25 - 27, 2020**

*Solid Waste Disposal* **Week of March 25, 2020**

Teacher/Team:  
If there are any questions, please feel  
free to email me/us at:  
(*Email Address of the Teacher*)

Chuck Jobson Scientific Research and Design  
jobsonc@lpisd.org

Link to [TEAMS Folder](#)

Previous Lessons:

Link to: (*Resources*).

[Period 1](#)

[Period 3](#)

[Period 4](#)

[Period 8](#)

## Objectives

Objective / I Can:

- I will conduct secondary research describing the mechanisms that allow certain animals to change color in response to environmental stimuli.

## Activities

Student Activities:

Go to [Teams Folder](#). Look for the assignment:

1. Using 3 on line sources, conduct research and write a one page background research essay describing the physiological mechanisms that allow one or more animals to change color in response to environmental stimuli. Examples of these might be chameleons or octopus. Please include your sources at the end of the background essay. This information will allow you to formulate a hypothesis while designing an experiment to determine if a chosen animal in the Animal Research and Education Center changes color in response to environmental stimuli.

## Academic/Instructional Support

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<p>Schedule:</p>    <p>Office Hours</p>	<p>Teacher Support - TEAMS</p> <p>Teacher will post assignments on class TEAMS site Monday and monitor TEAMS and e mail to answer questions.</p> <p>Assignments are to be turned in by Monday of the next week.</p> <p><i>8am - 1pm, jobsonc@lpisd.org</i></p>
<p><b>To Be Graded</b></p>	
<p>Assignment for students to submit to TEAMS Folder:</p> <ol style="list-style-type: none"> <li>1. The background essay will be graded using the following criteria... <ol style="list-style-type: none"> <li>a. It should be at least one page typed. 40pts.</li> <li>b. It should describe the physiological basis for color change in an animal such as a chameleon or octopus. 30pts.</li> <li>c. The completeness of this description. 30pts.</li> </ol> </li> </ol>	
<p>When is it due? Monday, March 30, 2020</p> <p>What assignments will the student submit?</p> <ol style="list-style-type: none"> <li>1. Background Essay: How do Animals Change Color?</li> <li>2.</li> <li>3.</li> </ol> <p>How will it be submitted? TEAMS</p> <p>Electronically, except by individual arrangement.</p>	