

SCIENCE 8  
**Sustainability, Tower Garden Application**  
Scheduled to be taught on 02/05  
Created by Six, Alicia

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| <b>21st Century Themes</b>   |
| *Global Awareness  |
| <b>21st Century Skills</b>   |
| *Creativity and Innovation<br>*Critical Thinking and Problem Solving   |
| <b>Interdisciplinary Connections</b>   |
| health, math   |
| <b>Technology Integration</b>  |
| chromebooks  |
| <b>Equipment Needed</b>  |
| interactive notebooks, chromebooks, heavy cream, salt, mason jar, garlic, basil, bread, kale   |
| <b>Goals and Objectives</b>  |
| TSWBAT utilize the ingredients from the tower garden by creating butter as a group. DOK 4  |
| <b>Learning Activities or Instructional Strategies</b>   |
| 1. Independent: warm up - students will complete their daily warm up.<br>2. Grouping: butter making - students will create butter using ingredients from the tower garden.<br>3. Independent: Tower garden analysis - students will write a short summary about their plant in the tower garden so far |
| <b>Differentiation</b>   |
| extended time  |
| <b>Resources Provided</b>  |
| The students will have access to chromebooks.  |
| <b>Assessments</b>   |
| The students will be informally assessed by their completed butter and analysis.   |
| <b>Standards</b>   |
| No standards have been assigned to this lesson.  |
| <b>Lesson Documents</b>  |
| 1. <a href="#">tower garden.pdf</a>  |