

Interactive Resource Repository (IRR) Document Review Protocol

i3 PEN Project

Title: The Spicy Salsa Virtual Lab

Author(s): Carla Huck

Year: 2014

Num/Vol: [Click here to enter text.](#)

Source: <http://virtuallabs.nmsu.edu/salsa.php>

Reviewer: [Click here to enter text.](#)

Date: [Click here to enter text.](#)

Does the document refer to EL students? YES No

Level of EL student:

Beginner Intermediate Advanced

Grade of EL student:

6th 8th 10th 12th
 7th 9th 11th

Is this document:

State-based standards Common Core State Standards (CCSS) Next Generation State Standards (NGSS)

Document Source (*check one*):

<input type="checkbox"/> Peer-reviewed journal	<input type="checkbox"/> Regional Educational Laboratory report
<input type="checkbox"/> Non-peer reviewed journal	<input type="checkbox"/> Book/chapter in book
<input type="checkbox"/> Newsletter	<input type="checkbox"/> Video
<input type="checkbox"/> Professional association periodical	<input checked="" type="checkbox"/> Original resource
<input type="checkbox"/> Trade newspaper (e.g., Chronicle of Higher Education)	<input type="checkbox"/> SMES recommended: Click here to enter text.
<input type="checkbox"/> Federal report (e.g., GAO report, Department of Education)	<input checked="" type="checkbox"/> Website: http://virtuallabs.nmsu.edu/salsa.php
<input type="checkbox"/> National research center	<input type="checkbox"/> Other: Click here to enter text.

Select the ways in which this resource can be interactive (*check all that apply*):

<input checked="" type="checkbox"/> Comments	<input checked="" type="checkbox"/> New Source Adaptation
<input type="checkbox"/> Ratings of resource	<input type="checkbox"/> Self-assessment questionnaires
<input checked="" type="checkbox"/> Suggested resources through tags/strands	<input checked="" type="checkbox"/> Background Knowledge Probes
<input type="checkbox"/> Polar Opposite suggestions to hear different points of view on the same topic /content /grade /methods etc., if it is an article	<input type="checkbox"/> Twitter – # trends, links to experts (bonus if the expert is from SMES)
<input type="checkbox"/> Wiki	<input type="checkbox"/> Links to Youtube/Teachertube/Vimeo etc.
	<input type="checkbox"/> Other: Click here to enter text.

Direct use/Purpose Statement (50 words):

This lesson plan utilizes an NMSU interactive virtual lab called **Acidifying Salsa**. Through the virtual lab, students will explore proper sampling techniques and learn how adjusting a food's acidity can keep it safe. This interactive animation guides students through theory and practice of adjusting pH so they will have familiarity with the equipment and procedures when encountered in a real lab. Students will work with partners to discuss and share ideas and to complete a problem-solution graphic organizer.