



## Technology Integration Workshop Unit Plan Template

**Unit Title:** Cost and Inventory Control  
**Discipline Subject, Topic:** FACS, Culinary Arts II

**Grade Level(s):** 9-12  
**Duration:** 1 week

**Overview of Unit:** Product costing and supply tracking

**Established Goal(s): (National, State, District Standards)**  
Standard 20.0411-16 Students will learn how to cost a product using formulas to determine the cost and inventory needed to produce a product.

<p><b>What Enduring Understandings</b> are desired?</p> <p>Using knowledge of conversion formulas to determine what is necessary to complete any recipe.</p> <p>Students will understand that to make any recipe requires thinking about cost and supplies needed to produce the product.</p>	<p><b>What Essential Question(s)</b> will be considered?</p> <p>Why are cost awareness and menu planning essential parts of preparing any recipe?</p> <p>How do we decide how much to charge for a pizza to sell in the school café?</p>
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<b>What key knowledge and skills will students acquire as a result of this unit or lesson?</b>	
<p>Students will know how to identify and assemble an inventory of food supplies needed to make any recipe and to analyze inventory levels to determine when to reorder supplies.</p>	<p>Students will be able to create an excel spreadsheet to keep track of food costs and inventory. Students will be able to devise and apply formulas to create a cost and inventory sheet.</p>

<b>How will students demonstrate their understandings?</b>			
<b>Formative Assessments</b>	<b>ISTE NETS for Students</b>	<b>Summative Assessments</b>	<b>ISTE NETS for Students</b>
Excel worksheets	1 a,b,c,d	Recipe and cost development	4, a,b,c,d
Research of product costs	2, a,b,c,d	Demonstrate recipe production using inventory.	6, a,b,c,d

<b>Learning Activities</b> (attach supplements, Ppts, Excel files, etc.)	<b>ISTE NETS for Students</b>
Excel worksheets	2, a,b,c,d
Field trip to school cafeteria	3,a,b,c,d
Periodic orders and perpetual inventory methods	2,,a,b,c,d
Vocabulary terms	
Create a menu	