


| ADAPTED | | GRADE 3 | | | | | | |
|---|---------------------|--|---|--|---|--|---|--|
| Lesson # & Title | Topic | Content Learning Objective(s) | Suggested Lesson Activity | Life Skills Learning Objective(s) | Connections to Garden Lessons | Possible Extensions | Academic Standard Connections | Health Standard Connections |
| 6. Cooking with What's in Abundance  | Home Economics (HE) | <p>HC.3.2 Demonstrate an understanding of local and seasonal foods.</p> <p>HE.3.3 Describe abundance and the causes of abundance in the garden</p> <p>KTE.3.1-4 Kitchen Tools and Equipment</p> | <p>Cooking Lesson: Identify something in abundance in the garden. Have students define local and seasonal and discuss why this crop is in abundance (season, planting choices, etc.). Search for that crop on Emerils.com to find a recipe that uses it. Then work with students to harvest and prepare the recipe. If you have time to split this lesson across 2 sessions, have your students research and select the recipe themselves.</p> | <p>PLS.2 Students are able to express empathy and caring for themselves, others, and the environment.</p> | Start this lesson in the garden so that abundant produce drives recipe selection. | <p>BAM! Box: Bring home a bag of produce that was in abundance in the school garden together with a recipe you found to use that produce. Prepare it together with your caregivers.</p> | <p>NGSS Science and Engineering Practice: Asking Questions and Defining Problems</p> <p><u>See TEKS on following page.</u></p> | <p>National Health Education Standard 5: Students will demonstrate the ability to use decision-making skills to enhance health.</p> |

Note: This lesson was adapted to include Texas Essential Knowledge Skills and utilizes the recipe for **Emeril's Homemade Sweet and Spicy Pickles**, pg. 627.



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TEKS ALIGNEMENT FOR ELF LESSONS USED

Texas Essential Knowledge and Skills (TEKS) for Science, Elementary, Revised 2022

3.5 Matter and energy. The student knows that matter has measurable physical properties and those properties determine how matter is classified, changed, and used. The student is expected to:

(B) describe and classify samples of matter as solids, liquids, and gases and demonstrate that solids have a definite shape and that liquids and gases take the shape of their container.

3.3 Number and operations. The student applies mathematical process standards to represent and generate fractions to solve problems. The student is expected to:

(E) represent and solve addition and subtraction of fractions with equal denominators using objects and pictorial models that build to the number line and properties of operation

Texas Essential Knowledge and Skills (TEKS) for Mathematics, Elementary, Revised 2022

3.3 Number and operations. The student applies mathematical process standards to represent and explain fractional units. The student is expected to:

(C) explain that the unit fraction $1/b$ represents the quantity formed by one part of a whole that has been partitioned into b equal parts where b is a non-zero number

Texas Essential Knowledge and Skills (TEKS) for Science, Elementary, Revised 2022

4.5 Matter and energy. The student knows that matter has measurable physical properties and those properties determine how matter is classified, changed, and used. The student is expected to:

(B) compare and contrast a variety of mixtures, including solutions

5.5 Matter and energy. The student knows that matter has measurable physical properties and those properties determine how matter is classified, changed, and used. The student is expected to:

(C) identify changes that can occur in the physical properties of the ingredients of solutions such as dissolving salt in water or adding lemon juice to water.

Texas Essential Knowledge and Skills (TEKS) for Mathematics, Elementary, Revised 2022

5.3 Number and operations. The student applies mathematical process standards to develop and use strategies and methods for positive rational number computations in order to solve problems with efficiency and accuracy. The student is expected to:

(L) divide whole numbers by unit fractions and unit fractions by whole numbers