

**4-H Pizza Garden Content Standards**  
**Grades 3-5**

**\*Project Area Skill refers to the subject matter based skill which youth demonstrate in relation to the correlating content standard.\***

**Objectives:**

**Art-**

**Content Standard 7: Demonstrate knowledge about how technology and invention have historically influenced artists and offered new possibilities for expression.**

**Visual Arts Benchmarks: 5-8: A**

**Project Area Skill: The youth will use the internet to determine what part of the world their assigned herbs/spices come from and what the herbs/spices are used for. They will then design a presentation, first they will draw what they want to present on a storyboard sheet. Then using a computer generated or oral presentation they will convey to the class what they learned about their assigned classes. Visual appeal and graphics will be evaluated by the class and teacher.**

## 4-H Pizza Garden Content Standards Grades 3-5

**\*Project Area Skill refers to the subject matter based skill which youth demonstrate in relation to the correlating content standard.\***

**Objectives:**

### **Career Readiness-**

- 1. Students will identify their career interests and aptitudes to develop an educational plan which supports personal career goals.**

**Benchmarks: K-4: A,B; 5-8: A**

**Project Area Skill: The youth will look at what inputs it takes to make a pizza; they will identify raw goods producers and make connections to the middlemen who process the raw goods. They will analyze the careers that are associated with the producers and determine which careers take more education, make more money, how much experience is required etc.**

- 2. Students will utilize and manage resources effectively to produce quality services and products.**

**Benchmarks: K-4: A,B,C; 5-8: A,B**

**Project Area Skill: The youth will work with a variety of resource materials such as bingo sheets, cheese flash cards, and computers. They will demonstrate responsibility for the completion of their activities so they may discuss the outcome of what they had learned with their teacher and classmates.**

- 3. Students will demonstrate the technological knowledge and skills required for future careers.**

**Benchmarks: K-4: A,B; 5-8: B,D**

**Project Area Skill: The youth will utilize basic computer skills for searching the internet to find information on spices and create a presentation. Moreover, they will use various age-appropriate tools to construct projects and solve problems such as determine what types of herbs/spices would go in an Italian pizza sauce.**

4. Students will develop and demonstrate responsible and ethical workplace behaviors.

**Benchmarks:** K-4: B,C; 5-8: A,B

**Project Area Skill:** The youth will demonstrate positive behavior as they work in groups to learn about herbs, determine the fat content in various types of cheese and many other activities. They will utilize goal direction in completion of the activities so they may go about discussing what they had learned.

5. Students will develop effective leadership, interpersonal, and team skills.

**Benchmarks:** K-4: A,B,C,D; 5-8: B,C,D

**Project Area Skill:** The youth will work in groups to complete various activities. They must work cooperatively and demonstrate positive interaction with each other as they explore the agricultural implications of what it takes to make a pizza.

## 4-H Pizza Garden Content Standards Grades 3-5

**\*Project Area Skill refers to the subject matter based skill which youth demonstrate in relation to the correlating content standard.\***

**Objectives:**

### **Language Arts-**

- 1. Reading and Listening for Comprehension: students will apply strategies and skills to comprehend information that is read, heard, and viewed.**

**Benchmarks: K-4: A,B,C,D 5-8: A,B,C,D**

**Project Area Skill: The youth will read about some of the agricultural industries that create products that can be put on a pizza such as cheese, meat and herbs. They will learn and apply new vocabulary that stems from science, agriculture and industry. Moreover they will read a variety of texts provided by the workbook, and internet to gain a deeper understanding of the activities.**

- 2. Writing and Speaking for Expression: students will communicate effectively through speaking and writing.**

**Benchmarks: K-4: A,B,C 5-8: A,B,C**

**Project Area Skill: The youth will create a presentation on a variety of herbs. They will research and document where the herbs come from, and what they are used for. They will then use this information, create a storyboard for a presentation, and then, using persuasive language communicate their findings to the class. Moreover the youth will participate in discussions encompassing a variety of agricultural industries who produce goods which can be used in making a pizza.**

## 4-H Pizza Garden Content Standards Grades 3-5

**\*Project Area Skill refers to the subject matter based skill which youth demonstrate in relation to the correlating content standard.\***

**Objectives:**

**Math-**

- 1. Number and Operations: students will understand numerical concepts and mathematical operations.**

**Benchmarks: K-4: B; 5-8: C**

**Project Area Skill: The youth will research supermarkets and butcher shops in their area to determine the price of bacon, sausage, pepperoni etc. per pound. After documenting their findings in a chart the youth must then determine what the average price for the meat is per pound and find how much on average it would cost to buy two pounds of their selected meat.**

- 2. Algebra: students will understand algebraic concepts and applications.**

**Benchmarks: K-4: C; 5-8: C**

**Project Area Skill: The youth will fill out information in tables for activities such as describing what their senses pick up for white and wheat crackers, finding the average price of meat, and information about certain herbs. They will organize their data in the chart so it may be referenced back to as the students participate in discussion and various other activities.**

- 3. Data Analysis and Probability: students will understand how to formulate questions, analyze data, and determine probabilities.**

**Benchmarks: K-4: B,C; 5-8: A**

**Project Area Skill: The youth will analyze the data they recorded in the tables provided by the activity. They will then form mathematical equations such as finding the average and present their findings to the class through discussion or formal presentation.**

## 4-H Pizza Garden Content Standards Grades 3-5

\*Project Area Skill refers to the subject matter based skill which youth demonstrate in relation to the correlating content standard.\*

**Objectives:**

**Science-**

**Strand I: Scientific Thinking and practice**

**Standard I: Understand the processes of scientific investigations and use inquiry and scientific ways of observing, experimenting, predicting, and validating to think critically.**

**K-4 Benchmarks: I,II, III**

**5-8 Benchmarks: I, III**

**Project Area Skill: The youth will use charts to collect data for a variety of activities in the 4-H Pizza Garden. They will determine the outcomes of such data by participating in discussion and creating mathematical formulas to determine the probabilities of the activity.**

**Strand II: Content of Science**

**Standard II: Life Science: Understand the properties, structures, and processes of living things and the interdependence of living things and their environments.**

**K-4 Benchmarks: I**

**Project Area Skill: The youth will participate in an activity to identify herbs. They will also be required to research where the herb comes from and what types of food the herb is used with. They will understand how different climates produce different herbs and may be a reason why there are different traditional foods around the world.**

## 4-H Pizza Garden Content Standards Grades 3-5

**\*Project Area Skill refers to the subject matter based skill which youth demonstrate in relation to the correlating content standard.\***

**Objectives:**

### **Social Studies-**

- 1. History: Students are able to identify important people and events in order to analyze significant patterns, relationships, themes, ideas, beliefs, and turning points in New Mexico, United States, and world history in order to understand the complexity of the human experience.**

**Benchmarks: K-4: C; 5-8: D**

**Project Area Skill: The youth will look at herbs and what areas of the world they are grown in. They will use a variety of media to form conclusions on this data and record their findings into a chart provided by the activity.**

- 2. Geography: students understand how physical, natural, and cultural processes influence ways in which people live, and how societies interact with one another and their environments.**

**Benchmarks: K-4: A,C**

**Project Area Skill: The youth will look at how different herbs are grown in different regions of the world. They will look at how prevalent a certain herb is in a culture where it can be grown the best.**