

# CORRELATED LESSONS

## **PROJECT FOOD, LAND & PEOPLE**

**1. The Plant and Me-** Students learn that plants and people have similar needs for survival.

**2. Seed Surprises** - Students discover seeds come in a variety of sizes, shapes, and colors and produce plants.

**3. Chewsy Choices** - Students learn about the five food groups through the use of puppets and acting in a play.

**4. Fruits and Veggies** - Students identify and compare fruits and other edible plant parts using a game.

**5. Schoolground Caretakers** - Students learn to be respectful caretakers of their outdoor environment.

**6. Let's Celebrate** - Students explore the role of celebrations and important foods with a focus on corn.

**7. Seasons Through the Year** - Students use their own birth dates to build awareness of seasonal change.

**8. Tomatoes to Ketchup, Chickens to Omelettes** - Students build connections between raw and processed food.

**9. We're Into Pumpkins** - Students learn about pumpkins as fruits and as food sources.

**10. Don't Use It All Up!** - Students find that people are consumers of Resources and learn conservation.

**11. Germ Busters** - Students learn one way bacteria can be spread and the importance of hand washing.

**12. Lunchtime Favorites** - Students trace the sources of their food and learn the interdependence of plants, animals, and people.

**13. Trash Bashing** - students learn the importance of reducing, reusing and recycling solid waste.

**14. Root Root for Life** - Students discover the importance of roots to plants, soil and people.

**15. Buzzy, Buzzy Bee** - Students play a game to learn the importance of plant pollination.

**16. From Apple Cores to Healthy Soil** - A composting experiment reveals to students how soil organisms, temperature, air, and water are able to decompose organic waste and enrich soil.

**17. Perc Through the Pores** - Students simulate soil particle sizes and their pore space in a game.

**18. Banking on Seeds** - The critical role that seeds play is explored through creating a seed bank.

**19. "Could It Be Something They Ate?"** - Students experiment with the growth of microbes

**20. Tree-mendous!** - Students play a word classification game to gain an appreciation for the benefit from trees.

**21. Expression Connection** - Students play a word game that builds new connections between farming, food, land, people, and themselves. They then write poetry about those connections.

**22. Feed the Need** - Students experience the distribution of income in the U S and world as it relates to buying food.

**23. Gala Fiesta Jamboree** - Students see the role of celebrations in diverse cultures and the local community.

**24. Investigating Insects** - Students become entomologists by observing insects in their nearby surroundings.

**25. Your School Ground Through New Eyes** - Students develop and sharpen observation skills to discover new details about their school ground.

**26. In Harmony** - Students develop map making, map reading and graph reading skills as they learn the capabilities and limitations of our land resources by using a soil survey.

**27. Amazing Grazing** - Students learn about the efficient use of renewable resources.

**28. Gifts from the Sun** - Students learn the components and process of photosynthesis.

**29. From Sea to Shining Sea** - Students complete a U S map showing the states, capitals, and top commodities.

**30. Till We or Won't We?** - Students explore tillage techniques and mulches, soil erosion and water runoff.

**31. Be Label Able!** - Students select the healthiest cereal, design and market a new healthy cereal

**32. Breads around the World** - Students learn the cultural and nutritional significance of bread in the world.

**33. By the Way** - Teams of students solve a mystery about cattle by-products

**34. Cleared for Takeoff!** - Students learn about the important roles aviation plays in agriculture.

**35. From Fiber to Fashion** - Students study clothing labels and evaluate consumer options for their clothing.

**36. It All Starts with A** - Students conduct surveys to learn what agriculture provides to people.

**37. Nail by Nail, Board by Board** - Students explore what shelters are made of and associated careers.

**38. Step by Step** - Students study the resources required and the variety of careers from the farm to the consumer.

**39. What's the Shape of Your Diet?** - Students determine if their diet is nutritionally sound.

**40. What Piece of the Pie?** - Students explore the economics of consumer food products.

**41. Why I Buy?** - Students are made aware of the external influences they receive when making purchasing decisions.

**42. Calorie Counting** - Students discover how their actual caloric intake.

**43. Global Grocery Bags** - Students learn why people spend different percentages of their annual income on food.

**44. Soil Is Not Trivial** - Using facts about the Dust Bowl, students develop a plan to address local soil conservation.

**45. What Will the Land Support?** - Students play a board game to simulate changes in land use.

**46. Go, Go H2O!** - Students design, describe, create, and experiment with irrigation.

**47. Mighty Macros** - Students conduct food experiments and learn how the foods they eat satisfy the body's nutritional needs.

**48. Loco for Cocoa** - Students discover how chocolate is produced from cacao, and where cacao is grown today.

**49. To Whom It May Concern** - Students research and write a letter expressing their opinions about a controversial issue.

**50. Six Billion and Still Growing!** - Students graph historical and projected world populations.

**51. Less Elbowroom** - Students explore the issue of exponential growth and debate the issue of world population.

**52. Trading Favorites** - Students use lines of latitude and longitude to explore global trade.

**53. Managing Pests** - Students analyze the advantages and disadvantages of pest-management techniques.

**54. Piecing Together Population Patterns** - Students analyze selected data about countries and regions of the world.

**55. Cows or Condos?** - Students use a problem-solving model to understand the issues of urbanization of agricultural land.

## **WILD BLUEBERRY CURRICULUM**

**56. Wild Blueberry Curriculum** – Seven lessons for grades 4 – 6 teaching students how and where wild blueberries grow. Lessons are: Wild Blueberry Poetry, Advertising Wild Blueberries, Producing Wild Blueberries, Animals & Wild Blueberries, Health and Nutrition, Wild Blueberry History & Geography, and Wild Blueberry Math.

## **GROWING A NATION CD ROM**

**57. Growing a Nation – The Story of American Agriculture** – from USDA. This 2006 interactive CD, geared to Middle School and High School, fosters historical comprehension through narrative accounts and embedded online resources. It presents the dramatic and inspiring story of how agriculture has shaped the history of the United States.