

Lake Mills School District

Year at a Glance Scope and Sequence for Career & Technical Education

Overarching Goal of the Curricular Area: Through technical Skills and employability development, students are able to apply and relate academic knowledge to succeed.

Family and Consumer Science Grade 6

| Unit Theme | Unit Goal | Enduring Understandings For the Unit | Essential Questions For the Unit |
|------------------|---|--|---|
| Food Preparation | Students will apply concepts of equipment to efficient food preparation. | <p>Students will understand that safety and sanitation procedures are important.</p> <p>Students will understand that there are many factors that impact food choices and nutritional practice.</p> <p>Students will understand food production techniques used to prepare food.</p> | <p>How do food safety and kitchen safety affect your health and well-being?</p> <p>What does "eating healthy" mean to you?</p> <p>How does the use of small and large equipment affect the way food is prepared?</p> <p>Why do many health professionals consider breakfast to be the most important meal of the day?</p> |
| Babysitting | Students will apply the concepts of child care to being an effective babysitter. | <p>Students will understand the positive qualities of caregivers.</p> <p>Students will understand appropriate practices in working with young children.</p> <p>Students will understand and create age-appropriate activities for children.</p> | <p>What characteristics make a good babysitter?</p> <p>What qualities are parents/caregivers looking for in a babysitter?</p> |
| Sewing | Students will apply the concepts of sewing to complete a project using both hand and machine stitching. | <p>Students will understand the correct use of the sewing machine and other essential equipment.</p> <p>Students will understand construction terminology.</p> | <p>How will basic sewing skills help you in the future?</p> <p>How has the craft of sewing evolved over time?</p> <p>What basic sewing skills will you need in the future?</p> |

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Family and Consumer Science Grade 7

| Unit Theme | Unit Goal | Enduring Understandings for the Unit | Essential Questions for the Unit |
|--------------------|---|--|--|
| Foods | Students will apply safety, nutrition and production techniques to food preparation and consumption. | <p>Students will understand that safety and sanitation procedures are important. Students will understand factors that impact food choices and nutritional practice.</p> <p>Students will understand food production techniques used to prepare food.</p> | <p>How do food safety and kitchen safety affect your health and well-being? What does “eating healthy” mean to you?</p> <p>How does the use of small and large equipment affect the way food is prepared?</p> <p>Why do many health professionals consider breakfast to be the most important meal of the day?</p> |
| Learning About You | Students will apply knowledge of self and relationships with others to successfully interact at home, school, and in the workplace. | <p>Students will understand how their relationships with others can impact their own success at home, school, and in the workplace.</p> <p>Students will understand how a person’s emotions may influence his/her communication with others.</p> <p>Students will understand the concept of conflict resolution.</p> | <p>What characteristics make a good babysitter?</p> <p>What qualities are parents/caregivers looking for in a babysitter?</p> |
| Sewing | Students will apply their skills for using equipment by constructing a single item in a class project. | <p>Students will understand the correct use of the sewing machine and other essential equipment.</p> <p>Students will understand construction terminology.</p> | <p>How will basic sewing skills help you in the future?</p> <p>How has the craft of sewing evolved over time?</p> <p>What basic sewing skills will you need in the future?</p> |

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Family and Consumer Science Grade 8

| Unit Theme | Unit Goal | Enduring Understandings For the Unit | Essential Questions For the Unit |
|-------------------|--|--|---|
| Food Preparation | Students will apply the concepts of MyPlate to plan and prepare nutritious meals and snacks. | <p>Students understand how food principles affect nutrition.</p> <p>Students will understand factors that impact food choices and nutritional practice.</p> <p>Students will understand food production techniques.</p> | <p>How do food safety and kitchen safety affect your health and well-being?</p> <p>What does “eating healthy” mean to you?</p> |
| Child Development | Students will apply knowledge of how children develop physically, socially, intellectually and emotionally to successfully interact with children of all ages. | <p>Students will understand the changes (physical, intellectual, emotional and social) in children as they progress through various stages from infancy to the teen years.</p> <p>Students will understand the impact of early experiences on development.</p> <p>Students understand the importance of age appropriate toys and reading materials for children.</p> | <p>How does a child grow physically, intellectually, emotionally and socially?</p> <p>What is SBS and what effects can it have on a child?</p> <p>What career opportunities are there for me in the field of child development?</p> |
| Sewing | Students will apply the concepts of sewing to complete a sewing project using both hand and machine stitching. | <p>Students will understand the correct use of the sewing machine and other essential equipment.</p> <p>Students will understand construction terminology.</p> | <p>How will basic sewing skills help you in the future?</p> <p>How has the craft of sewing evolved over time?</p> <p>What basic sewing skills will you need in the future?</p> |

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Foods, Foods, Foods Grades 9-12

| Unit Theme | Unit Goal | Enduring Understandings For the Unit | Essential Questions For the Unit |
|--------------------------------------|---|--|--|
| Fruits and Vegetables | Students will apply nutritional concepts of fruits and vegetables into a healthy menu plan. | <p>Students will understand that fruits and vegetables contain essential vitamins and minerals that help our bodies grow strong and stay healthy.</p> <p>Students will understand how properly prepared fruits and vegetables affect nutrition.</p> | <p>Are you what you eat?</p> <p>What do the vitamins and minerals in fruits and vegetables do for your body?</p> |
| Grains | Students will apply nutritional concepts grains into a healthy menu plan. | <p>Students will understand that grains contain essential vitamins and minerals that help our bodies grow strong and stay healthy.</p> <p>Students will understand how to properly prepare various grains.</p> | <p>What grains are you familiar with?</p> <p>What is the difference between a refined grain and a whole grain?</p> <p>What do the nutrients in grains do for your body?</p> |
| Dairy | Students will apply nutritional concepts of dairy products into a healthy menu plan. | <p>Students will understand that dairy products contain essential vitamins and minerals that help our bodies grow strong and stay healthy.</p> <p>Students will understand how to properly prepare various dairy products.</p> <p>Students will understand the effect of time and temperature on dairy products.</p> | <p>What dairy products are you familiar with?</p> <p>What forms of milk are available to consumers?</p> <p>What do the nutrients in dairy products do for your body?</p> |
| Meats (Beef, Pork, Poultry, Seafood) | Students will apply nutritional concepts meats into a healthy menu plan. | <p>Students will understand that meats contain essential nutrients that help our bodies grow strong and stay healthy.</p> <p>Students will understand how to properly prepare various meats.</p> <p>Students will understand the effect of time and temperature on protein foods.</p> | <p>What meats are you familiar with?</p> <p>What poultry products are you familiar with?</p> <p>What seafood products are you familiar with?</p> <p>What to the nutrients in the various meat products do for your body?</p> |

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Nutrition for Chefs Grades 10-12

| Unit Theme | Unit Goal | Enduring Understandings For the Unit | Essential Questions For the Unit |
|--|--|--|--|
| Nutrients and their effect on the body | Students will demonstrate nutrition and wellness practices that enhance the well-being of individuals, families and communities. | Students will understand the principles of nutrition as they relate to the human body. Students will understand how to analyze food labels. Students will understand how to critique their personal diet. Students will understand how to create a healthy meal. Students will understand how to make healthy choices while eating away from home. | How does your diet affect you? What fuels the push for Americans to become "healthier?" |

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Baking and Pastry Arts Grades 10-12

| Unit Theme | Unit Goal | Enduring Understandings For the Unit | Essential Questions For the Unit |
|-------------------|--|--|--|
| Breads | Students will apply the basic concepts and underlying theories in bread (quick bread, yeast bread) production. | <p>Students will understand the basic concepts in bread production.</p> <p>Students will understand the role of each ingredient in bread.</p> <p>Students will understand the concept of gluten formation as it relates to various baked goods.</p> <p>Students will understand the types of batters/doughs and the ratio of dry to liquid in each type.</p> | <p>What is the difference between quick breads and yeast breads?</p> <p>What are some of your favorite bread products?</p> |
| Cakes and Cookies | Students will apply the basic concepts and underlying theories in cake and cookie production. | <p>Students will understand the two methods used to prepare most cake batters.</p> <p>Students will understand the six types of cookies and the method used to prepare each.</p> <p>Students will understand the concept of gluten formation as it relates to various baked goods.</p> <p>Students will understand the types of batters/dough and the ratio of dry to liquid in each type.</p> | <p>What are some of your favorite cookies?</p> <p>What ingredients are common to most cookies?</p> |
| Pastry | Students will the basic concepts and underlying theories in pastry production. | <p>Students will understand the basic method to prepare pie crusts.</p> <p>Students will understand the methods used to prepare specialty pastries.</p> <p>Students will understand the concept of gluten formation as it relates to various baked goods.</p> <p>Students will understand the types of batters/doughs and the ratio of dry to liquid in each type.</p> | <p>What are some of your favorite pies?</p> <p>What is the difference between a sweet and a savory pie?</p> |

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Working with Children Grades 11-12

| Unit Theme | Unit Goal | Enduring Understandings For the Unit | Essential Questions For the Unit |
|---|--|--|--|
| Pregnancy, Prenatal Development, Birthing Process | Students will apply knowledge of pregnancy, prenatal development and the birthing process to explore health concerns and needs before, during and after pregnancy. | <p>Students will understand the impact that a pregnancy has on an individual, family, and society.</p> <p>Students will understand how a pregnancy occurs.</p> <p>Students will understand conception and the development of a fetus.</p> <p>Students will understand the stages of labor and delivery.</p> <p>Students will understand the importance of newborn basics/care.</p> | <p>Why is preconception health important for both males and females?</p> <p>What does a healthy pregnancy look like?</p> <p>What hereditary and environmental factors influence birth defects and prenatal care?</p> |
| Physical Development | Students will apply knowledge to make decisions that support the sound physical development of children. | <p>Students will understand the stages of growth and development during infancy.</p> <p>Students will understand how to care for and handle a newborn.</p> <p>Students will understand the physical changes that take place as they become toddlers and preschoolers.</p> <p>Students will understand Shaken Baby Syndrome and its ramifications.</p> | <p>How do the physical stages of development impact a child throughout their life span?</p> <p>How does a child develop physically?</p> <p>How is a child's physical development influenced by social, economic, and technological factors in their environment?</p> <p>What are the elements that contribute to the health and well-being of a child?</p> |
| Intellectual Development | Students will apply knowledge to make decisions that support the sound intellectual development of children. | <p>Students will understand how to select appropriate material that fits the age group that will be meaningful to the child.</p> <p>Students will understand that the study of child development is based on research by Erickson, Piaget and others.</p> <p>Students will understand the role play has on intellectual development.</p> <p>Students will understand Failure to Thrive Syndrome and the effect it has on intellectual development.</p> | <p>How do children learn?</p> <p>How do the intellectual stages of development impact a child throughout their life span?</p> <p>How is a child's intellectual development influenced by social, economic and technological factors in their environment?</p> |

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| <p>Emotional and Social Development</p> | <p>Students will apply knowledge to make decisions that support the sound emotional and social development of children.</p> | <p>Students will understand personality types of each age group and parenting techniques compatible with each.</p> <p>Students will understand the impact of early experiences on development of a healthy personality.</p> <p>Students will understand how to interact with young children in a variety of situations.</p> | <p>What are the roles and responsibilities of a parent in assuring the positive development of a child?</p> <p>What are the roles and responsibilities of society in nurturing children?</p> <p>How is a child's social and emotional development influenced by social, economic and technological factors in their environment?</p> |
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Introduction to Health Careers Grades 10-12

| Unit Theme | Unit Goal | Enduring Understandings For the Unit | Essential Questions For the Unit |
|---|---|--|---|
| History of Health Care and Careers and Employability Skills | Students will apply knowledge of the array of health care career opportunities within health care delivery systems and educational requirements for the respective career opportunities. | <p>Students will understand the qualities and expectations of health care workers to enhance patient safety and consumer confidence.</p> <p>Students will understand the history of health care and health care delivery systems including medical advancements and their impact on health care and costs.</p> | <p>What effects have recent health care advancements and discoveries had on life expectancy?</p> <p>What medical discoveries do you expect/hope to see in your lifetime?</p> <p>What health care careers are you familiar with?</p> <p>What qualities make a good health care worker?</p> |
| Body Systems | Students will apply knowledge of all the body systems and their functions. | <p>Students will understand medical terminology used in health care settings.</p> <p>Students will understand common disorders of the body systems.</p> | How are the body systems related to and dependent upon each other? |
| Legal and Ethical Issues | Students will apply knowledge of ethical and legal issues in health care including the Health Information Portability and Accountability Act (HIPAA), confidentiality, patient privacy, informed consent, and the Patient Bill of Rights. | Students will understand legal and ethical issues in the health care setting. | <p>What is the difference between legal issues and ethical issues?</p> <p>What issues/circumstances might create a legal vs. ethical dilemma for a health care professional?</p> <p>What is meant by “scope of practice,” “advance directives,” and “informed consent?”</p> |
| Cultural Effects on Health Care | Students will apply knowledge of cultural influences and differences as it relates to patient care. | <p>Students will understand the different types of communication used in the health care setting.</p> <p>Students will understand the influence of culture on health care practices.</p> | <p>What effect does a person’s culture or religious beliefs have on the healthcare system?</p> <p>How might cultural background or religious beliefs effect the type of treatment a patient might receive?</p> |