

## **Bringing 4-H to the Classroom – An Introduction to School Standards**

Content standards establish specific expectations for the assessment of cumulative learning by the end of first grade, fourth grade, eighth grade and twelfth grade. The standards listed for this curriculum serve as a base guide and are not absolute – you may find that you add or subtract specific standards as you seek to meet the needs of your unique educational setting. In addition, as the curriculum is adapted standards for grade levels not listed here may be met. Visit the Nebraska Department of Education website to access current standard lists in each content area.

As this is a University of Nebraska-Lincoln Extension publication, the Nebraska State Educational Standards have been aligned to the materials found in this curriculum. Alignment of the Nebraska Standards are in compliance with national educational standards. If you are using this curriculum in another state, please refer to your local education department to reference your own individual state standards and see how they relate to the standards listed here.

### ***The Road to Good Cooking Activities: Aligned with Nebraska State Education Content Standards***

Nebraska State Education Content Standards are “statements focusing on academic knowledge, skills and understandings that schools should teach and students should know as a result of their schooling” (Nebraska L.E.A.R.N.S., 1999).

*The content area “home base” for this curriculum is Family & Consumer Sciences Career Cluster Area(s): Agriculture, Food & Natural Resources; Health Science; Hospitality & Tourism; Human Services*

### **Applies to overall curriculum**

#### **Family & Consumer Sciences:**

06-12.10.1 – Demonstrate transferable and employability skills in family, community and work/career settings.

10.D – Examine potential career choices to determine the education, technology, and attitudes associated with each.

#### **Reading/Writing:**

4.1.2 – By the end of fourth grade, students will demonstrate the use of multiple strategies to increase their vocabulary.

4.1.3 – By the end of the fourth grade, students will identify the main idea and supporting details in what they have read.

4.1.7 – By the end of fourth grade, students will identify and apply knowledge of the text structure and organizational elements to analyze nonfiction and informational text.

4.3.1 By the end of the fourth grade, students will pose questions and contribute their own information or ideas in group discussions in order to acquire new knowledge.

4.4.1 By the end of the fourth grade, students will gain information or complete tasks by listening.

### **Getting Started**

#### **Family & Consumer Sciences:**

06-12.7.1 – Demonstrate nutrition and wellness practices that enhance individual and family well being.

Possible sub-standard linkages: 7.C, 7.F

**Science:**

4.7.1 Describe how different substances, such as tobacco, alcohol, and drugs, can damage the body and alter how it functions.

Explain how the body uses food and how various foods contribute to health

**Health Education:**

Principle #3 – Students will demonstrate the ability to practice health-enhancing behaviors and eliminate/reduce health risks.

**Preparing to Go****Family & Consumer Sciences:**

06-12.7.1 – Demonstrate nutrition and wellness practices that enhance individual and family well being.

Possible sub-standard linkages: 7.C, 7.F

**Math:**

4.3.1 By the end of fourth grade, students will estimate, measure, and solve word problems using metric units for linear measure, area, mass/weight, capacity, and temperature.

4.3.2 By the end of fourth grade, students will estimate, measure, and solve word problems using standard units for linear measure, area, mass/weight, capacity, and temperature.

4.5.1 By the end of fourth grade, students will collect, organize, record, and interpret data and describe the findings.

**Reading/Writing:**

4.2.1 – By the end of fourth grade, students will write using standard English (conventions) for sentence structure, usage, punctuation, capitalization and spelling.

**The Cook's Road Map****Family & Consumer Sciences:**

06-12.7.1 – Demonstrate nutrition and wellness practices that enhance individual and family well being.

Possible sub-standard linkages: 7.C, 7.F

**Math:**

4.3.1 By the end of fourth grade, students will estimate, measure, and solve word problems using metric units for linear measure, area, mass/weight, capacity, and temperature.

4.3.2 By the end of fourth grade, students will estimate, measure, and solve word problems using standard units for linear measure, area, mass/weight, capacity, and temperature.

**Reading/Writing:**

4.2.1 – By the end of fourth grade, students will write using standard English (conventions) for sentence structure, usage, punctuation, capitalization and spelling.

**Visiting MyPyramid****Family & Consumer Sciences:**

06-12.7.1 – Demonstrate nutrition and wellness practices that enhance individual and family well being.

Possible sub-standard linkages: 7.A, 7.B, 7.C, 7.D, 7.E

**Math:**

4.1.3 – By the end of fourth grade, students will describe and apply relationships between whole numbers, decimals, and fractions by order, comparison, and operation.

4.3.1 By the end of fourth grade, students will estimate, measure, and solve word problems using metric units for linear measure, area, mass/weight, capacity, and temperature.

4.3.2 By the end of fourth grade, students will estimate, measure, and solve word problems using standard units for linear measure, area, mass/weight, capacity, and temperature.

**Science:**

4.7.1 Describe how different substances, such as tobacco, alcohol, and drugs, can damage the body and alter how it functions.

Explain how the body uses food and how various foods contribute to health.

**Reading/Writing:**

4.2.1 – By the end of fourth grade, students will write using standard English (conventions) for sentence structure, usage, punctuation, capitalization and spelling.

**Health Education:**

Principle #1 – Students will comprehend concepts related to healthy lifestyles and disease prevention.

Principle #3 – Students will demonstrate the ability to practice health-enhancing behaviors and eliminate/reduce health risks.

## **On the Road**

**Family & Consumer Sciences:**

06-12.7.1 – Demonstrate nutrition and wellness practices that enhance individual and family well being.

Possible sub-standard linkages: 7.A, 7.B, 7.C, 7.D

**Math:**

4.3.1 By the end of fourth grade, students will estimate, measure, and solve word problems using metric units for linear measure, area, mass/weight, capacity, and temperature.

4.3.2 By the end of fourth grade, students will estimate, measure, and solve word problems using standard units for linear measure, area, mass/weight, capacity, and temperature.

4.5.1 By the end of fourth grade, students will collect, organize, record, and interpret data and describe the findings.

**Science:**

4.7.1 Describe how different substances, such as tobacco, alcohol, and drugs, can damage the body and alter how it functions.

Explain how the body uses food and how various foods contribute to health.

**Reading/Writing:**

4.2.1 – By the end of fourth grade, students will write using standard English (conventions) for sentence structure, usage, punctuation, capitalization and spelling.

**Health Education:**

Principle #3 – Students will demonstrate the ability to practice health-enhancing behaviors and eliminate/reduce health risks.

**Art:**

12.5.0 – Students develop criteria to evaluate their own and others' creative expressions.

## **Trails to Meals and Signs to Help You**

**Family & Consumer Sciences:**

06-12.7.1 – Demonstrate nutrition and wellness practices that enhance individual and family well being.

Possible sub-standard linkages: 7.A, 7.B, 7.C, 7.D, 7.E, 7.F

**Math:**

4.3.1 By the end of fourth grade, students will estimate, measure, and solve word problems using metric units for linear measure, area, mass/weight, capacity, and temperature.

4.3.2 By the end of fourth grade, students will estimate, measure, and solve word problems using standard units for linear measure, area, mass/weight, capacity, and temperature.

4.5.1 By the end of fourth grade, students will collect, organize, record, and interpret data and describe the findings.

**Science:**

4.7.1 Describe how different substances, such as tobacco, alcohol, and drugs, can damage the body and alter how it functions.

Explain how the body uses food and how various foods contribute to health

**Reading/Writing:**

4.2.1 – By the end of fourth grade, students will write using standard English (conventions) for sentence structure, usage, punctuation, capitalization and spelling.

**Health Education:**

Principle #3 – Students will demonstrate the ability to practice health-enhancing behaviors and eliminate/reduce health risks.

## “Dessert-ing” the Road

**Family & Consumer Sciences:**

06-12.7.1 – Demonstrate nutrition and wellness practices that enhance individual and family well being.

Possible sub-standard linkages: 7.C, 7.F

**Math:**

4.3.1 By the end of fourth grade, students will estimate, measure, and solve word problems using metric units for linear measure, area, mass/weight, capacity, and temperature.

4.3.2 By the end of fourth grade, students will estimate, measure, and solve word problems using standard units for linear measure, area, mass/weight, capacity, and temperature.

4.5.1 By the end of fourth grade, students will collect, organize, record, and interpret data and describe the findings.

**Science:**

4.7.1 Describe how different substances, such as tobacco, alcohol, and drugs, can damage the body and alter how it functions.

Explain how the body uses food and how various foods contribute to health.

**Reading/Writing:**

4.2.1 – By the end of fourth grade, students will write using standard English (conventions) for sentence structure, usage, punctuation, capitalization and spelling.

**Health Education:**

Principle #3 – Students will demonstrate the ability to practice health-enhancing behaviors and eliminate/reduce health risks.

## More Maps

**Family & Consumer Sciences:**

06-12.7.1 – Demonstrate nutrition and wellness practices that enhance individual and family well being.

Possible sub-standard linkages: 7.C, 7.F

**Math:**

- 4.2.1 – By the end of fourth grade, students will estimate, add, subtract, multiply, and divide whole numbers without and with calculators and solve word problems.
- 4.2.3 – By the end of fourth grade, students will estimate, add, and subtract fractions with like denominators without calculators and solve word problems.
- 4.3.1 By the end of fourth grade, students will estimate, measure, and solve word problems using metric units for linear measure, area, mass/weight, capacity, and temperature.
- 4.3.2 By the end of fourth grade, students will estimate, measure, and solve word problems using standard units for linear measure, area, mass/weight, capacity, and temperature.