

This Scope and Sequence for Dairy Council of California's Mobile Dairy Classroom Lesson<sup>®</sup> was developed using current California State Curriculum Standards and Frameworks for Language Arts, Math, Science and Health. The left side of the chart displays student skills, and the top of the charts refer to each student outcome from the lesson. Educators can see "at-a-glance" what grade level skills are practiced in each subject area by looking down the column under the outcome identified.

The Scope and Sequence provides examples of how the outcomes from the Mobile Dairy Classroom visit can support you in achieving your state standards goals. Our Mobile Dairy Instructor will discuss these classroom connections with you in person. You are also encouraged to view additional interactive extension activities available on our Web site at: [www.dairycouncilofca.org](http://www.dairycouncilofca.org).

**Mobile Dairy Classroom Lesson Outcomes – Students will be able to:**

1. Identify the basic anatomy of a cow.
2. Compare and contrast the cow's diet and digestive system to that of a human.
3. Describe the life cycle of a producing dairy cow.
4. Demonstrate how to milk a cow.
5. Describe how milk and other dairy foods get from the cow to the table.
6. Recognize the nutritional value of dairy foods and identify choices from the milk group that they include in their diets.

	Lesson Outcomes					
	1	2	3	4	5	6
<b>LANGUAGE ARTS: Listening and Speaking Skills</b>						
Attentive listening and appropriate response	K-5	K-5	K-5	K-5	K-5	4-5
<b>MATH: Measurement and Geometry</b>						
Identify units of measure					K-5	
Understand concept of time		K-5	K-5			
<b>MATH: Mathematical Reasoning</b>						
Solve problems and justify reasonably			K-5		K-5	
<b>SCIENCE: Physical Science</b>						
Energy and matter have multiple forms			K-5		K-5	
<b>SCIENCE: Life Science</b>						
All organisms need energy and matter to live and grow		K-5	K-5			K-5
Plants and animals have predictable life cycles			K-5			
<b>SCIENCE: Investigation and Experimentation</b>						
Formulate predictions		K-5	K-5	K-5	K-5	K-5
Sequence steps, events and observations	K-5	K-5	K-5	K-5	K-5	
Make observations and draw logical conclusions	K-5	K-5	K-5	K-5	K-5	K-5
Compare, clarify, sort and group		K-5	K-5			K-5
<b>HEALTH EDUCATION</b>						
<b>Nutrition and Physical Activity</b>						
Standard 1: Essential Concepts	K-5	K-5		K-5	K-5	K-5
Standard 3: Accessing Valid Information	3-5	3-5	3-5	3-5	3-5	3-5
Standard 5: Decision Making		2-5				2-5
Standard 6: Goal Setting				4	4	
Standard 7: Practicing Health-Enhancing Behaviors		K-5		K-5	K-5	K-5
Standard 8: Health Promotion					5	5
<b>Growth and Development</b>						
Standard 1: Essential Concepts	K-3	K-3		K-3		
Standard 5: Decision Making		K-3		K-3		K-3
Standard 7: Practicing Health-Enhancing Behaviors		3-5		3-5		3-5
<b>Injury and Prevention</b>						
Standard 1: Essential Concepts	K-5					
<b>Personal and Community Health</b>						
Standard 1: Essential Concepts		K-5				
Standard 3: Accessing Valid Information	K-5	K-5	K-5	K-5	K-5	K-5
Standard 5: Decision making		5		5	5	5
Standard 7: Practicing Health Enhancing Behaviors		K-5		K-5	K-5	K-5