

Mobile Dairy Classroom Assembly: Support for the Common Core

The Mobile Dairy Classroom assembly provided by the Dairy Council of California uses a live cow to teach K-6 students about the anatomy of a cow, how milk goes from a cow to their refrigerator, and the agricultural technology used. Each assembly focuses on either the lower grades (K-3) or upper grades (4-6).

The following alignment is based on the Mobile Dairy Classroom lesson presented at a school assembly. Attending students learn new information and have opportunities to reinforce and develop skills related to the Common Core standards identified below

Common Core ELA/Literacy							
Speaking and Listening							
College and Career Readiness (CCR) Standards							
Comprehension and Collaboration	K	Gr. 1	Gr. 2	Gr. 3	Gr. 4	Gr. 5	Gr. 6
CCR.SL.1 Prepare for and participate effectively in a range of conversations and collaborations with diverse partners, building on others' ideas and expressing their own clearly and persuasively.	X	X	X	X	X	X	X
CCR.SL.2 Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally.	X	X	X	X	X		
CCR.SL.3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric.	X	X	X	X	X		
Presentation of Knowledge and Ideas							
CCR.SL.6 Adapt speech to a variety of contexts and communicative tasks, demonstrating command of formal English when indicated or appropriate.	X	X	X	X	X	X	X
Language							
College and Career Readiness (CCR) Standards							
Conventions of Standard English							
L.CCR.1 Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.	X	X	X	X	X	X	X
Vocabulary Acquisition and Use							
L.CCR.4 Determine or clarify the meaning of unknown and multiple-meaning word and phrases based on grade 3 reading and content, choosing flexibly from a range of strategies.	X	X	X	X	X	X	X
L.CCR.5 Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.	X	X	X	X	X	X	X
L.CCR.6 Acquire and use accurately a range of general academic and domain-specific words and phrases sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when encountering an unknown term important to comprehension or expression.	X	X	X	X	X	X	

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Mathematical understandings are integrated throughout the Mobile Dairy Classroom lesson. Students will hear the language of math in each presentation and gain meaning from its use.

Common Core Mathematics							
Domains in Mathematics	K	Gr. 1	Gr. 2	Gr. 3	Gr. 4	Gr. 5	Gr. 6
Counting and Cardinality	X						
Number and Operations in Base Ten		X	X				
Measurement and Data	X		X	X			
Operations and Algebraic Thinking			X	X			
Ratios and Proportional Relationships							X

References:

- Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects
Accessed from <http://www.corestandards.org/ELA-Literacy/>
- Common Core State Standards for Mathematics
Accessed from <http://www.corestandards.org/Math/>

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About the Alignment

The Lesson

- Word Doc: MDClessonRev9_10_14EV
- The lesson is delivered via school assembly that spans several grades. There is a speaker and live animals present.
- Students make up the audience. They have a chance to ask and answer questions. Only the domains of Speaking and Listening and Language are relevant.

Alignment Decisions

- Given the multigrade nature of the audience, a high-level, descriptive alignment would be appropriate.
- The overarching statements (CCR standards) that span K-12 were used for ELA/Literacy.
 - An ELA match was made if the lesson supported learning related to a specific grade-level expectation.
- Domains that span K-12 were used for Mathematics
 - Math domains were selected based on the mathematical understandings present in the lesson.
- Key expectation of the Common Core:
“Students advancing through the grades are expected to meet each year’s grade-specific standards and retain or further develop skills and understandings mastered in preceding grades.”

This statement has significance for any multigrade presentation.