

5th Grade Teacher Key

Informational Reading Passage: Milk Production on a Dairy Farm

Complements Mobile Dairy Classroom assembly

Common Core: RI.5.10 By the end of the year, read and comprehend informational texts, including history/social studies, science, and technical texts, at the high end of the grades 4–5 text complexity band independently and proficiently.

Title of Passage: Milk Production on a Dairy Farm	Lexile Level: 1000L	Grade: 5	
Text Type: Informational		MDC Topics: lactation cycle; care and feeding	
Questions		Skill	Common Core Standards – Grade 5
1. Identify the event that prompts the start of milk production in a dairy cow. birth of a calf Explain the relationship between the event and milk production. Dairy cows are mammals, and like all mammals, they produce milk (lactate) to feed their young. After a calf is born the cow starts producing milk.	relationship between two things	RI.5.3 Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.	
2. Define “lactation cycle.” the yearly schedule for milk production	meaning of terms	RI.5.4 Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area.	
3. The author points out that milk production on a dairy farm is nonstop. What evidence is given to support that claim? The cows are on different schedules. When some are being milked, others are resting.	reasons to support point made by the author	RI.5.8 Explain how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence support which point(s).	
4. How does the quality of the feed impact milk production? Cows need to eat nutritious food for strength and energy. It takes lot of energy to produce milk, and a cow needs to be strong and healthy. To ensure production of high quality milk, lactating cows need to be fed a high quality diet with the right amount of nutrients in the grains and hay.	relationship between two things	RI.5.3 Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.	
5. Draw a diagram that summarizes how the cycle of milk production on a dairy farm works. There should be at least 3 parts in your diagram. birth of a cow → milking for 10 months → rest for 2 months 	relationships of three parts	RI.5.3 Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.	