


## 5<sup>th</sup> 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. <b>birth of a calf</b> Explain the relationship between the event and milk production. <b>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.</b>		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.” <b>the yearly schedule for milk production</b>		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? <b>The cows are on different schedules. When some are being milked, others are resting.</b>		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? <b>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.</b>		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. <b>birth of a cow → milking for 10 months → rest for 2 months</b> 		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.