## Beef Mathematics- Virtual Learning AdaptionTarget Grade Level: 3rd and 4th Grade

## Full Lesson Plan: <https://www.iowaagliteracy.org/Article/Beef-Mathematics>

This document is meant for you, the teacher, to use to convert the lesson plan into a virtual learning module for your students. You can use the steps outlined below to create different elements of a Google Classroom or other online learning module. You can also send the steps directly to your students in a PDF, present them in a virtual meeting, or plug them into any other virtual learning platform you use. Find more virtual lessons here: [Virtual Learning.](https://www.iowaagliteracy.org/Tools-Resources/Other/Virtual-Learning)

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| Engage | Start by thinking about these questions. You, the student, can write them down and answer them on a piece of paper, or you can just think about them. * Farmers don’t just play with cows; they have lots of math to do! What math do you think they have to do? What math do you have to do on a daily basis? Do farmers have to do that, too?
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| Explore | Now read the book *My Family’s Beef Farm*. The link will take you to the page, but you will have to scroll down to the beef book. Click on the arrow on the right to begin. * [My Family’s Beef Farm](https://www.iowaagliteracy.org/Tools-Resources/Publications/My-Familys-Farm)
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| Explain | Read the book again, but this time, look for 10 facts using numbers in the book.  You will record them on the linked document, and the first one has been done for you. Make a copy of the document and fill in the other 9 facts. Keep the document open because you will need it later!* [Beef Mathematics Document](https://docs.google.com/document/d/1H5Mn6Der0s5yl7m-XGXvszOLRM9HtuvZ0O-qMh9Vq0o/edit?usp=sharing)
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| Elaborate | Now, you’re going to do some math! Before you start doing math problems, watch this video to learn/review some multiplication concepts. * [Multiplication Video](https://www.youtube.com/watch?v=eW2dRLyoyds&t=277s)
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| Evaluate | Now, get to multiplying! Pages 2 and 3 of the Beef Mathematics Document that you worked on earlier have beef-related math problems for you to do. When you have completed the problems, make sure that they are turned in to your teacher.  |