## Beef Science- Virtual Learning Adaption Target Grade Level: 3rd grade

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

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 every item that you, the student, can think of that comes from cattle. Make a list on a piece of paper. Try to think outside the box - bandages and chewing gum are both products that come from cattle. What other items can you think of?  |
| Explore | Click on *My Family’s Beef Farm*, scroll down, and read the book. Make sure to pay special attention to the glossary section at the end! Then open the Vocabulary sheet, make a copy, complete it, and turn it in to your teacher.* [*My Family’s Beef Farm*](https://www.iowaagliteracy.org/Tools-Resources/Publications/My-Familys-Farm)
* [Vocabulary Sheet](https://docs.google.com/document/d/1Srun0uESK2UBwf5wOwjpP2KzYeGaBjtCwjkN7Pa1rg4/edit?usp=sharing)
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| Explain | Watch this FarmChat®. Pay special attention to what they feed their cows! Take notes on the video.* [Beef Cattle FarmChat®](https://www.youtube.com/watch?v=w_wHnTsUHc4&t=11s)
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| Elaborate | Watch the linked video about a cow’s diet. It is based on a dairy cow but applies to beef cattle as well. Then open the Cow Diet Activity, make a copy, complete it, and turn it in.* [Cow’s Diet Video](https://www.youtube.com/watch?v=meMHJ4Pt8kI)
* [Cow Diet Activity](https://docs.google.com/presentation/d/1jyqJpZnbJhX6dSH9NB6VwuKyrKnuj4P9HTqFf3YGNww/edit?usp=sharing)
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| Evaluate | Finally, let’s see what you learned! Open this Google Doc, make a copy, complete the activity, and turn it in.* [Wrap-Up Activity](https://docs.google.com/document/d/1Rt84lRe-7NQRsSfsVXgBEBLGYQxSpy8cZImw7Jvhu60/edit?usp=sharing)
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