## Soybean Life Cycle Sequencing - Virtual Learning AdaptionTarget Grade Level: 3rd Grade

## Full Lesson Plan: <https://www.iowaagliteracy.org/Article/Soybean-Life-Cycle-Sequencing>

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 lesson 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 | Do you know that Iowa farmers grow more soybeans that farmers in any other state? Soybeans are used for many things, including feed for animals, food for humans, and even soy biodiesel (used in school buses). Today we are going to learn about the soybean plant’s lifecycle.  |
| Explore | First, make a list of things that you might know come from soybeans. Some examples would be soy milk or tofu. Next, read *Pod to Plate: The Life Cycle of Soybeans* by Julie D. Blunier* [*Pod to Plate: The Lifecycle of Soybeans*](https://www.ilsoy.org/sites/default/files/media/pdfs/lifecycleofsoybean.pdf)

What was the main idea of the book? |
| Explain | Now, let’s learn more about each stage of the soybean plant’s lifecyle. Follow the link below to learn about each stage. Keep in mind that the pictures are not in the correct order. Later, it will be your job to put them in order. * [Soybean Life Cycle Stages](https://docs.google.com/presentation/d/1gCHZypZzoWFTc5lvIU-keG4rPZ55Snmy8SXu74rV8GU/present?usp=sharing)
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| Elaborate | Review what you learned before and then drag the pictures and vocabulary words into the order of the soybean lifecycle, from planting to harvest. * [Soybean Life Cycle Sort](https://docs.google.com/presentation/d/19rkjTSQMzBPnFia6jU2zfXiJd-TVaV3Mj8PpxEvaPWo/copy?usp=sharing)

Share the completed document with your teacher. |
| Evaluate | Download the corn and soybean [compare and contrast document](https://www.iowaagliteracy.org/Article/File/get?path=Files%2Farticle-177919%2FCompare%20and%20Contrast%20pictures-1.docx). Using what you learned about soybeans, look at the pictures write at least three complete sentences about the soybean lifecycle and how it is similar or different compared to corn. Be sure to include some of the new vocabulary you learned.  |