## Lavender Investigators- Virtual Learning Adaption Target Grade Level: 3rd Grade

## Full Lesson Plan: <https://www.iowaagliteracy.org/Article/Lavender-Investigators>

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)

|  |  |
| --- | --- |
| Engage | Start by making a list on a piece of paper of every plant that you can think of that can grow in Iowa. These plants can include crops that grow in fields, flowers that grow in pots, or fruits and vegetables that grow in a garden. |
| Explore | Did you list lavender? Yes, lavender is an herb with purple flowers that can be grown in Iowa. It can be used to make lavender oil, lotion, perfumes, sachets, and can be used in cooking! Today, you will learn about four different types of lavender and help a farmer decide which type he should plant! |
| Explain | Today you are going to be a plant investigator! Get out a piece of paper and a writing utensil and watch this presentation on lavender production! Take notes on each type of lavender’s hardiness zone, and Iowa’s hardiness zone. You may pause the video or rewind if you missed something.   * [Plant Investigators](https://drive.google.com/file/d/1pppzIs1e4x-H7EzM3C529Vou5OEvR8wl/view?usp=sharing) |
| Elaborate | Now, look at your notes. You should have 4 types of lavender written down with each of their hardiness zones, and Iowa’s hardiness zone (the video talked about 4b and 5b, but just think of those as 4 and 5). If you missed one, be sure to go back to the video and find it! Which type of lavender would grow best for Farmer Herb considering that his farm is in the Loess Hills of Iowa? Remember that Iowa’s hardiness zones are from 4-5, so don’t choose a lavender plant that’s hardiness zones are higher than 5, because they won’t be able to grow on Farmer Herb’s farm! |
| Evaluate | Finally, choose one type of lavender and read the provided fact sheet on it. Here are the fact sheets. Remember, you only need to choose one type of lavender! Submit you answers to your teacher.   1. [Spanish Lavender](https://docs.google.com/document/d/1T-YHNYKdeQrOjg6ZsM9Ur6UZcJGKZwC8JZDE289DRVM/edit?usp=sharing) 2. [French Lavender](https://docs.google.com/document/d/1foQT1eVn--e3Xqxhcujggu2GfpDrM_5t1YaxjcROyLw/edit?usp=sharing) 3. [Fern Leaf Lavender](https://docs.google.com/document/d/1iXq-qul-ii-duXGq84xEleVT_93Vftgb4YOG34dAzjM/edit?usp=sharing) 4. [English Lavender](https://docs.google.com/document/d/1eKjecN7zkTU7ZmB4JNaCbHIuYhR_XnHkRWJkuXHjpgE/edit?usp=sharing)   Answer these three questions on the one type you chose:   1. What is the name of the lavender you chose? 2. What is the hardiness zone of the plant you chose? 3. What is one product that can be made from the lavender you chose? |