## Ergot and The Crucible- Virtual Learning Adaption Target Grade Level: 9th-12th Grade

## Full Lesson Plan: <https://www.iowaagliteracy.org/Article/Ergot-and-The-Crucible>

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 | Historians still wonder what caused the bizarre behavior that led eight young girls to be suspected of demonic possession and witchcraft during the winter of 1691 in Salem, Massachusetts. One girl after another went into convulsions, babbled incoherently, and complained of creepy skin sensations. Doctors could find nothing wrong with them, and the best explanation medical science had to offer was that a witch cast a spell over the girls. Could there be a better explanation than witchcraft? Watch these two videos to refresh your memory on the historic event.   * [*The Crucible* SparkNotes Video](https://youtu.be/TLpxwzlEzeE) * [*The Crucible* Movie Dance Scene](https://youtu.be/ShEmPBvjhk4) |
| Explore | Next read these two documents.   * [Season of the Witch](https://drive.google.com/file/d/1Rd6Bec5g7z0FHu6Ovlxb9TYPMpH66fCl/view?usp=sharing) * [Ergot of Rye](https://drive.google.com/file/d/1EKiBwMS_YOX1jV6u9JHhMr0v-NgycoO8/view?usp=sharing) |
| Explain | Read and take notes on the information provided about Ergot of Rye.   * [Ergot Information](https://docs.google.com/document/d/1K9zNIptP9udu5djX5Wl6HyKdq9duZjPJIhQ1vvKQunI/edit?usp=sharing) |
| Elaborate | Different types of molds or fungi can affect different crops. In modern food production, molds and other foodborne illnesses are screened for so that they don’t infect people consuming the food. This is done in a variety of ways. As one example, today you are going to look at aflatoxin in corn. Open the link below and work through the virtual lab, testing for aflatoxins. Send a screenshot to your teacher when you finish with the virtual lab.   * [Virtual Lab](https://virtuallabs.nmsu.edu/corn.php) |
| Evaluate | Answer three of these questions. Send the answers to your teacher.   * Is ergotism a legitimate theory to explain the behaviors of the girls in the Salem Witch Trials? Why or why not? Justify your response. * Why is food safety important? * How do modern food companies and scientists monitor food supplies and ensure food safety? Provide at least one example. * What other food safety inspection processes are you familiar with? Describe one. * What foodborne contaminants are you familiar with? How could they be prevented? * How have food safety concerns changed the way that we try to keep food safe? |