## Probability Lab: A Look Through Gregor’s Eyes- Virtual Learning AdaptionTarget Grade Level: 8th grade

Full Lesson Plan: <https://www.iowaagliteracy.org/Article/Probability-Lab-A-Look-Through-Gregors-Eyes>

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 | Listen to the book, [*Gregor Mendel The Friar Who Grew Peas*](https://www.youtube.com/watch?v=tk5FnV8kTaM&feature=emb_logo)*.* |
| Explore | Like Gregor Mendel, today you, the student, will be learning about probability. To understand the probability of a random event to occur, watch this video on [Probability](https://www.youtube.com/watch?v=AY3O_qsSnbE&feature=emb_logo). |
| Explain | To understand how probability and heredity are linked, watch [Heredity: Crash Course](https://www.youtube.com/watch?v=CBezq1fFUEA&feature=emb_logo). |
| Elaborate | Now, let’s get into the fun stuff! Instead of using pea plants, like Mendel, we will use objects that you have in your house to understand probability. Click on the link to see instructions on the activity and the worksheet to record the results of your activity. Make sure to make a copy of the worksheet and then complete the activity.* [Probability Worksheet](https://docs.google.com/document/d/1AOlmTWuGYOBbILhwS2GEXAVxFrJ1Ez90M_Ks0x73ljs/edit?usp=sharing)
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| Evaluate | Finally, fill out the last three follow-up questions on your worksheet. Make sure it is turned in to the teacher. |