Corn

*Lesson Plan for Grade 1, Science*

*Prepared by Illinois Corn Grower Association & 3 Dinosaurs*

*Modified by Mississippi State University, School of Human Science*

*for Mississippi Farm Bureau Federation - AITC*

# OVERVIEW & PURPOSE

Students will identify the four main types of corn, discuss the history of corn, and discuss the uses of corn.

# EDUCATIONAL STANDARDS

**Mississippi College-and-Career Readiness Standards:**

L.1.2 Students will demonstrate an understanding of how living things change in form as they go through the general stages of a life cycle.

Math-1.G.1 Distinguish between defining attributes (e.g., triangles are closed and three-sided) versus non-defining attributes (e.g., color, orientation, overall size); build and draw shapes to possess defining attributes.

**NALOs:**

T3.K-2 b. Recognize that agriculture provides our most basic necessities: food, fiber (fabric or clothing), energy, and shelter

# OBJECTIVES

* Students will discuss the history of corn.
* Students will identify the four main types of corn.
* Students will determine the uses of corn.

# MATERIALS NEEDED

* [*Corn* by Gail Gibbons](https://www.amazon.com/Corn-Gail-Gibbons/dp/0823422453)
* Plain white paper, 1 per student
* Green construction paper, 1 per student
* Stamp pad
* Glue
* [Coloring Book](https://www.ilcorn.org/file/53/book-1.pdf)

# Ag Facts

* 88,690,000 bushels of corn produced in Mississippi in 2020.
* 1,427 farms producing corn in Mississippi.
* On average an ear of corn has 800 kernels in 16 rows.
* Corn is produced on every continent in the world except for Antarctica.

# Learning Procedures

1. Read the book *Corn by Gail Gibbons* to the students.
   1. Use the page of trivia questions in the book to check for students’ understanding
2. After reading *Corn by Gail Gibbons* and answering the trivia questions, hand out the white and green sheets of paper to each student. If you would prefer to have the paper already cut to the shapes in the picture below that is fine. Make sure you have the stamp pads ready to use. If you only have one stamp pad that is fine.



1. Once all materials have been distributed, students should place their fingers on the stamp pad and then place them on the white piece of paper. Students can use as many colors as they would like. Students should repeat this process until the white piece of paper is covered in their fingerprints.
2. Students should then take their two green pieces of paper and glue them to the front of the white piece of paper. (the side with the fingerprints)
3. The final product should look similar to the picture below.



1. Finally, distribute copies of the [Coloring Book](https://www.ilcorn.org/file/53/book-1.pdf) for students to color during school or to take home.

**Concept Elaboration and Evaluation**

After conducting these activities, review and summarize the following key concepts:

* Corn is raised on farms and produces a variety of items that we use every day.
* Be sure to review the different types of corn as well as the history of corn.

# Additional Learning Procedures

To help students review and elaborate more about corn use the [“Meaning Prediction through Think-Pair-Share”](https://drive.google.com/file/d/1gIkEThKTTAfY059CAPy4Tlnpb1b3Yf9x/view?usp=drive_link) while tasking students with discussing the history of corn, identifying the four main types of corn, and determining the uses of corn.

Another opportunity to encourage knowledge about corn and opportunity to elaborate more is reading [“From Kernel to Corn” by Robin Nelson](https://www.amazon.com/Kernel-Corn-Start-Finish-Second/dp/0761386742/ref=pd_bxgy_sccl_2/145-3744385-5679429?pd_rd_w=J7pb9&content-id=amzn1.sym.26a5c67f-1a30-486b-bb90-b523ad38d5a0&pf_rd_p=26a5c67f-1a30-486b-bb90-b523ad38d5a0&pf_rd_r=5EJ73YZZEPFR83BX0FVJ&pd_rd_wg=zTmto&pd_rd_r=bfcd2689-5046-4b31-94e1-72dce9e7ea06&pd_rd_i=0761386742&psc=1).

Additional Texts to Include:

[Harvest Time](https://www.agfoundation.org/recommended-pubs/harvest-time1)

[Combines](https://www.agfoundation.org/recommended-pubs/combines)

[Corn in the Story of Agriculture Educator Guide](https://www.agfoundation.org/recommended-pubs/corn-in-the-story-of-agriculture-ed-guide)



Source: <https://www.3dinosaurs.com/wordpress/index.php/fingerprint-corn/>

*For more information and additional lessons visit*

*https://msfb.org/ag-in-the-classroom/lesson-plans/.*