

DNA



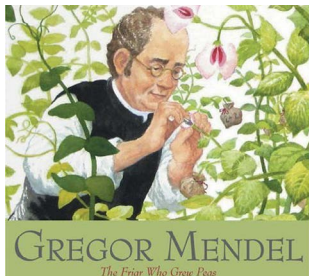
Ag in a Bag

Reading Materials:



Plant Breeding Ag Mag
(included)

Suggested Books:



Gregor Mendel: The Friar Who Grew Peas
by Cheryl Bardoe
<https://bit.ly/FriarPeas>

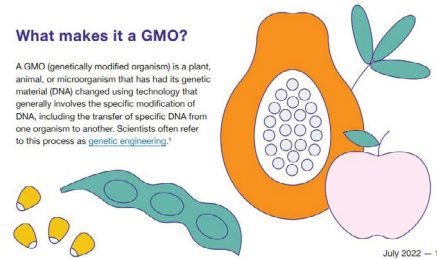
Available Online:



Snap Ag: Genetics & Farming
Fact sheet from Canada Ag in the Classroom
<https://bit.ly/SnapAgDNA>

What makes it a GMO?

A GMO (genetically modified organism) is a plant, animal, or microorganism that has had its genetic material (DNA) changed using technology that generally involves the specific modification of DNA, including the transfer of specific DNA from one organism to another. Scientists often refer to this process as *genetic engineering*.



Feed Your Mind-GMOs 101
Fact sheet from the FDA
[fda.gov/food/consumers/agricultural-biotechnology](https://www.fda.gov/food/consumers/agricultural-biotechnology)

Learning Ag-tivities:



DNA Bracelet: String beads on two pipe-cleaners to learn about the double helix structure of DNA



DNA Extraction Do a simple experiment to extract DNA from a strawberry

Videos & More:



Find videos & more links related to apples & agriculture at www.mcleanaitc.org/dna

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