

High School Lesson Plan: A “maize”ing Corn

Overview: **Regenerative Agriculture** aims to combat over farming, development, and climate factors that affect soil quality. It promotes the health of degraded soils by restoring their organic carbon. Discuss the role of sustainable farming practices in mitigating the effects of **climate change** on corn cultivation. Emphasize the importance of adapting to new climate solutions.

Lesson	Time	Essential Questions	Activity	Conclusion
A “maize”ing Corn	40-60 mins	<p>What agricultural practices can help mitigate climate change in marginalized communities?</p> <p>What are the social and economic impacts of the regenerative techniques used?</p>	<p>Look at a U.S. map where corn is grown HERE.</p> <p>Look at the effects of corn growth and climate change HERE.</p> <p>How do you think establishing regenerative practices will help more marginalized communities?</p> <p>Sort class into 2 groups: crop rotation versus managed grazing techniques.</p> <p>Students will: Research the social and economic impact of the chosen technique *economic impacts: input costs, public relations</p>	<p>Students will be able to identify where corn is primarily grown in the U.S. to sustain our food system correlating the geographical areas as marginalized communities.</p> <p>These marginalized areas are more susceptible to climate change phenomena and therefore would benefit from support. Students will be able to identify solutions to help sustain the land. They will understand the social and economic impact of finding alternate techniques.</p>

Additional EARTHDAY.ORG’s Resources:

[Regenerative Agricultural Campaign](#)

[What is Regenerative Agriculture? video](#)

