

Maryland Coastal Bays Program: Notes from the Field

Agriculture

Welcome to the Maryland Coastal Bays Program's (MCBP) new virtual learning "Bulk Resource" page on Agriculture. Provided is a conglomeration of relevant materials from credible sources for anyone to use as a knowledge resource on this subject. The majority of what we have shared is Maryland-based resources, and we encourage you to further research on the subject as there countless other fantastic sources. The resources we have compiled are broken down into three categories; relevant websites, videos, and activities & lessons.

MCBP exists to protect and conserve the waters and surrounding watershed of Maryland's five Coastal Bays; Assawoman, Isle of Wight, Newport, Sinepuxent, and Chincoteague.

Agriculture is the dominant use of the surrounding land of the Coastal Bays, and the protection and conservation of the watershed must involve the recognition of healthy and sustainable farming practices. One of MCBP's priority action items is to foster a greater appreciation of agriculture by educating the community about positive practice's farmers throughout our community are implementing to protect natural resources.

Relevant Websites

Organization	Description of Resource	Link	Who
Maryland Agriculture Education Foundation (MAEF)	"What will I do with my kids for two weeks?" Video resource page Teacher Resource Pages for Ag Ed	https://expeditionscience.weebly.com/ http://maefonline.com/home/teacher-center/agriculture-education-events-resources/	Pre K - 12
American Dairy Association	3 Virtual Farm Tours for different age ranges	https://www.americandairy.com/news-and-events/dairy-diary/dairy-farming/virtual-farm-tours-while-youre-stuck-at-home.shtml	Elementary - High School
Future Harvest: Chesapeake Alliance for Sustainable Agriculture	Find a farmer/farmers market map	https://www.futureharvestcasa.org/resources/find-farmer-or-market-map	All ages
Johns Hopkins Center for a Livable Future	Resource on food systems and food equity	https://clf.jhsph.edu/	High school - Adult



Videos

Organization	Description of Resource	Link	Who
University of Maryland Extension	Career Connection: Dairy Farmer - Mike Dywer, facility manager at the University of Maryland Dairy Farm, explains how he became interested in dairying and gives some advice to future dairy men and women.	https://www.youtube.com/watch?v=faNIFqZAJG8&index=1&list=PLqoTNJMz85BZpPUGUTtVpMaCl5gdT_Pxl	Middle - Adult
University of Maryland Extension	Career Connection: Agronomy Lab Technician - Bill Rohrer and other employees of AgroLab tell about their jobs testing soil, water, and plants using cutting-edge laboratory technology.	https://www.youtube.com/watch?v=1hEQ6qxrq9Q&list=PLqoTNJMz85BZpPUGUTtVpMaCl5gdT_Pxl&index=5	Middle - Adult
Maryland Agriculture Education Foundation	Book reading - <u>Right This Very Minute:</u> A table-to-farm book that explains how farmers are always busy producing the food that makes its way to our plates	https://youtu.be/YFHqI7ZqA00	Elementary
Food Frontiers	A 36-minute film that highlights six pioneering projects from around the country that are reducing food insecurity in communities	https://www.youtube.com/watch?v=LV6-8oW3hjM&t=9s	Middle - Adult
Out to Pasture	A 34-minute film that compares raising food animals on pasture with the prevailing industrial approach involving large-scale confinement.	https://www.youtube.com/watch?v=MrRqi8-Y8ak&feature=youtu.be	Middle - Adult
Johns Hopkins Center for a Livable Future	Aquaponics Project video. Introduction to aquaponics	https://clf.jhsph.edu/projects/food-system-lab-cylburn	4th - Adult



Activities and Lessons

Organization	Description of Resource	Link	Who
University of Maryland Extension	Lesson - Buy close to home, purchase locally grown	https://extension.umd.edu/sites/extension.umd.edu/files/_docs/programs/agsploration/Lessons_edition3/13%20Buy%20Close%20to%20Home.pdf <u>Myplate dietary guidelines:</u> https://extension.umd.edu/sites/extension.umd.edu/files/_docs/programs/agsploration/Lessons_edition3/Lessons_SuppMats/13%20MyPlate%20guidelines.pdf	Middle and High
Maryland Agriculture Education Foundation	Lesson - Food Sources	<u>K-1st:</u> http://maefonline.com/wp-content/uploads/2019/01/RTVM-Science-K-1.pdf <u>2nd-3rd:</u> http://maefonline.com/wp-content/uploads/2019/01/RTVM-Science-2-3.pdf <u>Answer Key:</u> http://maefonline.com/wp-content/uploads/2019/01/RTVM-Science-2-3answer-key.pdf	Elementary
University of Maryland Extension	Map - Agriculture in Maryland "Ag in the Bay"	https://extension.umd.edu/sites/extension.umd.edu/files/_docs/programs/agsploration/Supplemental_Dec2017/15%20Omap.pdf	All ages
John Hopkins Center for a Liveable Future	FoodSpan - Lessons for high schoolers	http://www.foodspanlearning.org/lesson-plans/unit-1-meet-the-food-system/index.html#section1	High School
Farm-based Education Network	Lessons, activities, crafts, recipes, and social justice	https://www.farmbasededucation.org/resourcesourcewhole	All ages
Lessons of our Land	Lessons that can be crafted to a region to incorporate Native American stories & lessons	https://www.lessonsofourland.org/lessons/	Pre K -12
Food, Farming, and Community	Curriculum about food systems & sustainable agriculture	http://www.foodfarmingandcommunity.org/curriculum/index.php	Adults

