

Online Learning & Engagement

I ILLINOIS

Extension

COLLEGE OF AGRICULTURAL, CONSUMER
& ENVIRONMENTAL SCIENCES



Resources for Youth & Families

Additional information and resources will continue to be posted on our Facebook pages and websites.

General Resources

- 4-H Inspire Kids to Do Activity Guide – A collection of resources to promote learning and doing in a variety of areas. <https://extension.illinois.edu/cjmm/4-h-youth-development>
- Other state 4-H groups are offering virtual trainings or online resources. All are invited to join.
 - Kentucky 4-H (Facebook page, weekly live videos/challenges)
<https://www.facebook.com/kentucky4h/>
 - Michigan 4-H <https://www.canr.msu.edu/family/Educational-Resources-for-School-Closures/>
 - Nebraska 4-H <https://4h.unl.edu/virtual-home-learning>
 - Texas 4-H (Facebook live series)
<https://www.facebook.com/texas4h/photos/a.10150239304904564/10157827633229564/?type=3&theater>

Animal Science & Agriculture

- Animal U – Online lessons and videos on livestock species, include swine, sheep, goats, cattle, and poultry
https://www.extension.iastate.edu/animalu/?fbclid=IwAR3Nuq3HqwWTT6XIMrfHH2YHRH2uPYyEVF9L_LCyMy_9nyOxT_7hEjqYSIA
- Animal Science Anywhere – Hands-on activities for groups or individuals on animal science topics like biosecurity, nutrition, and reproduction.
https://www.canr.msu.edu/resources/4_h_animal_science_anywhere
- American Dairy Association – Virtual farm tours, organized by grade level
<https://www.americandairy.com/news-and-events/dairy-diary/dairy-farming/virtual-farm-tours-while-youre-stuck-at-home.stml>
- Horse Lessons – ExtensionHorses.org is provided FREE access (for 30 days) to their online classrooms and lessons on a variety of horse industry topics
FACEBOOK POST: <https://www.facebook.com/ExtensionHorses/posts/3202221603123651>
WEBSITE: <https://campus.extension.org/login/index.php>
- My American Farm – Educational games for all ages <http://www.myamericanfarm.org/>
- Illinois Ag in the Classroom – Daily Webinars and activities posted everyday, covering Illinois agriculture topics. <https://beyondthebarndoor.wordpress.com/>
- American Farm Bureau Found for Agriculture – variety of “At Home Ag-tivities” for all ages
<https://www.agfoundation.org/news/at-home-ag-tivities>
- Purdue Veterinary Medicine - Vet science activities for K-12 grade
<https://www.purdue.edu/vet/engagement/p12/>
- St. Louis Zoo – Daily posts, videos, and updates from inside the zoo.
<https://www.stlzoo.org/about/blog/2020/03/17/bringthestlzootoyou>
- Smithsonian’s National Zoo – Live webcams for panda, lion, and elephant exhibits
<https://nationalzoo.si.edu/webcams>
- Journey 2050 – Virtual farm simulation that explores world food sustainability, targeted at grades 6-12.
<http://www.journey2050.com/>

Environmental Sciences

- Illinois Department of Natural Resources – Podcasts and videos available to listen and download on Illinois wildlife and plants. <https://www2.illinois.gov/dnr/education/Pages/podcasts.aspx>
- Smithsonian Museum of Natural History – Tour specialty exhibits virtually, from the comfort of your own home <https://naturalhistory.si.edu/visit/virtual-tour>

Health & Nutrition

- 4-H Inspire Kids to Do Healthy Living Guide – Collection of activities that promote learning and doing in the areas of health and nutrition, including stretching and yoga, healthy snacks, and first aid basics. <https://extension.illinois.edu/cjmm/4-h-youth-development>
- 4-H Kids Guide to Mindfulness <https://4-h.org/about/blog/inspire-kids-to-do-kids-guide-to-mindfulness/>
- Yoga International – 10-minute yoga sessions for youth of all ages, held via Facebook Live, throughout the day. 10 am, 11 am, 12 pm. <https://www.facebook.com/yimag/>
- The Walking Classroom – Collection of downloadable podcasts for guiding walking and learning https://www.thewalkingclassroom.org/our-program/adopter-educational-podcasts/?utm_term=Access_podcasts&utm_campaign=26%20Podcast%20Access%20&utm_content=email&utm_source=Act-On+Software&utm_medium=email

STEM & Robotics

- 4-H STEM Lab – Hands-on activities on science, technology, agriculture, and the engineering <https://4-h.org/parents/stem-agriculture/youth-stem-activities/>
- Hour of Code – Online video tutorials for students of ages, walking them through out to code and program simple games and computer software <https://hourofcode.com/us/learn>
- TryEngineering.org – Links to engineering games and sites to explore 3-D printing & design, computer coding, and physics principles <https://tryengineering.org/students/games/>
- TeachEngineering.org – Full activities and videos for full classrooms, but many ‘sprinkle’ activities can be done by individuals. <https://www.teachengineering.org/curriculum/browse?Collection=Activities>
- Steve Spangler Science – Easy at-home science experiments for kids and families to try. Also going live on Facebook daily for ‘50 Experiments in 50 Days’ at 11:00 AM.
WEBSITE: https://stevespangler.com/science-at-home/?fbclid=IwAR0p6Trqwm0AdduGWvXwFDuYvmfUQGJ1mrzPVMPO7Rbj_rS7FB3OIrc5t7U
FACEBOOK PAGE: <https://www.facebook.com/stevespangler/>
- NASA STEM Activities for Families – Variety of hands-on activities surrounding aerospace, science, and our solar system. <https://www.nasa.gov/stem-at-home-for-students-k-4.html>

For Parents & Volunteers

- Discover Wellness While At Home – Online webinar series provided by University of Illinois Extension Family Life Educators. Choose from six different session on managing stress, adjusting to go.illinois.edu/wellnessathome
- Child Mind Institute – Resources for helping kids with stress, anxiety, and transitioning to a new routine. <https://childmind.org/coping-during-covid-19-resources-for-parents/>
- University of Illinois Extension, Family Files – Blog with articles and updates on best strategies for learning from home and keep you family thriving during this time at home <https://extension.illinois.edu/blogs/family-files>
- Ways 4-H Volunteers Can Support Youth When Not in Person <https://www.canr.msu.edu/news/ways-4-h-volunteers-can-support-youth-when-not-in-person>