

Early One Health Education Resources – K thru 12



Updated April 27, 2020 One Health Commission <https://tinyurl.com/y9udq9lh>

LESSON PLANS DEVELOPED BY THE ONE HEALTH COMMISSION EDUCATION TASK FORCE

Grades 1-5 The Web of Life: One Health Interconnections of Pets, People, and the Environment, Teacher Workshop presented at the 7th Annual NSTA STEM Forum & Expo, July 13, 2018, (Downloadable files)

- [Grades 1-5 Lesson Plan Overview](#) (pdf)
- [Grades 1-5 Lesson Plan Overview](#), (Word doc)
- [Grades 1-5 Classroom teaching slides](#) (Power Point)

Grades 6-8 Solve a One Health Mystery! Teacher Workshop presented, 7th Annual NSTA STEM Forum & Expo, July 13, 2018, (Downloadable files)

- [Grades 6-8 Lesson Plan Overview](#) (pdf)

Grades 9-12 Discover the Interconnectedness of Human Sustainability and Earth’s ecosystems with One Health! Teacher Workshop presented, 7th Annual NSTA STEM Forum & Expo, July 13, 2018. (Downloadable files)

- [Grades 9-12 Lesson Plan Overview](#) (pdf)
- [Grades 9-12 Lesson Plan Overview](#) (Word doc)
- [Grades 9-12 Classroom Lesson slides](#) (pdf)

OTHER ONE HEALTH – RELATED TEACHING MATERIALS

Note that some of these materials were developed for very specific purposes and may need to be modified or combined with other materials to construct a One Health lesson. To enhance the One Health messaging, teachers should consider developing questions aimed at meeting the guidelines in the [Guide to Developing One Health Lessons for K-12 .](#)

Bat Rabies Educational materials

From: One Health Commission Bat Rabies Education Team (BRET)
Level: All Ages, Free downloadable posters

Bats Rabies Workshop for 12-18 Year Olds

Power Point Teaching Slide-Set Developed by Lexi Peterman, student at Athens Drive Magnate High School, Raleigh, North Carolina, USA

Be a Zoonotic Disease Detective

From Georgia 4-H, U.S. CDC and USDA APHIS
Level: Grades 4-12

e-Bugs: Educating young people about microbes and antimicrobial resistance

Created by Public Health England (PHE), e-Bug aims to reduce antibiotic resistance by helping children and young people understand infections and antibiotic use. Free to the world, available in 22 languages, operating in 26 countries worldwide, this website is rich with resources for teachers and students, including peer to peer student education. Be sure to check out the games. <https://e-bug.eu/>

e-Bugs COVID-19 Teaching Information

Epidemiologists: Disease Detectives

From Public Broadcasting Service (PBS) Learning Media and WGBH

Level: Grades 9-12

Health for One, One Health for All

From the Michigan State Extension 4-H Animal Science Anywhere Program.

Level: General Elementary

Healthy Pets, Healthy People Program

All ages. Educational fliers created by US Center for Disease Control and Prevention (CDC)

- [Animals and Coronavirus Disease](#)
- [Stay Healthy Around Pets and Farm Animals](#) (scroll down)
- [Stay Healthy Around Small Pets](#)
- Coloring Book: [Stay Healthy Around Animals](#)
- Classrooms Posters on staying healthy around class pets: [8.5x11](#) and [11x17](#)
- [5 Ways to Prepare Your Pet for Emergencies](#)

Influenza Education Among Youth in Agriculture

All Ages. Educational website created by the Council of State and Territorial Epidemiologists

- [Repository of Influenza Educational materials](#) (Click on the small arrow to the left to access descriptions and links to the Resources)

Kansas State Olathe One Health Educational Resources

- K-12 Classroom Activities
- Classroom Presentations and Handouts
- Educational Videos

Kansas State Online One Health High School Summer Course

MedMyst Magazine: Disease Discovery – One Health Initiative

Created (2010) in partnership: Rice U, U Texas, One Health Initiative team

Level: Grades 4 - 9, Middle School

NOVA Science NOW: 1918 Flu

From NOVA Teachers

Level: Grades 1 - 12

One Health Workshop, 7 - 12 Year Olds

Created by the International Veterinary Student Association (IVSA) Standing Committee on Veterinary Education (SCoVE)

- [Workshop Plan / Overview](#)

- [PowerPoint](#)

One Health Workshop, 12-18 Year Olds

Created by the International Veterinary Student Association (IVSA) Standing Committee on Veterinary Education (SCoVE)

- [Workshop Plan / Overview](#)
- [PowerPoint](#)

Responsible Pet Ownership, 7 -12 Year Olds

Created by the International Veterinary Student Association (IVSA) Standing Committee on Veterinary Education (SCoVE)

- [Workshop Plan](#)
- [PowerPoint](#)

Outwitting Nature’s Greatest Killer (Mosquitos)

From the Pulitzer Center Lesson Builder

Level: Grades 1 - 8

Safer Farm Animal Contact Exhibits (Safer FACES) Training Program

Free, online training program offered by the Minnesota Department of Health (MDH). When you complete the program, MDH will provide certification that you/your organization has learned best practices for visitor-animal interactions.

Soil Pollution in China

From the Pulitzer Center Lesson Builder

Level: Grades K-12

Solve the Outbreak

An interactive educational activity from the US Center for Disease Control and Prevention (CDC).

Level: Grades 6-12

The Junior Disease Detectives: Operation Outbreak Graphic Novel

Created by 4-H, NIFA, USDA APHIS, CDC

Level: Grades 6-12

This is How we “Role”

From the Purdue University College of Veterinary Medicine.

Level: K-4

Tick Borne Disease Curriculum

Kansas State University Biosecurity Research Institute

Level: Grades 6 - 12

US CDC Free One Health Graphics

What’s all the Buzz About? Vector-Borne Diseases and Climate Change

National Institute of Environmental Health Sciences (NIEHS) and Environmental Health Perspectives

Level: All Ages

Youth in Agriculture - Influenza and Zoonoses Education

One Health in Action Educational Program created by US Center for Disease Control and Prevention (CDC)

Level: Grades K – 12

Zika Communication Toolkit for Schools and Campers

Center for Disease Control and Prevention

Level: Grades K - 12

4-H Community Health Outreach Toolkit: Responding to Mosquito-Borne Illnesses

US Assistant Secretary for Preparedness and Response (ASPR), USDA NIFA (4-H), US National Health Security.

Level: Grades K - 12