

One Health Educational Resources – K thru 12



The following resources have been compiled to help teachers develop and deliver One Health-themed curricula across K-12. For more ideas and a framework for creating One Health-themed lessons see the [Guide to Developing One Health Lessons for K-12](http://bit.ly/2ISab18) (<http://bit.ly/2ISab18>).

Learn more about the One Health Commission's [International One Health Education Task Force](http://bit.ly/2Ld6lF4), (<http://bit.ly/2Ld6lF4>).

If you know of other One Health Educational Resources not yet listed here please let us know. cstroud@onehealthcommission.org

LESSON PLANS developed by the One Health Commission Education Task Force

- **Elementary School Level - The Web of Life: One Health Interconnections of Pets, People, and the Environment,**
Teacher Workshop presented, 7th Annual NSTA STEM Forum & Expo, July 13, 2018
(Downloadable files)
 - [Elementary Lesson Plan Overview](http://bit.ly/2IMmKOh) (pdf, <http://bit.ly/2IMmKOh>)
 - [Elementary Lesson Plan Overview](http://bit.ly/2lPr9XR), (Word doc, <http://bit.ly/2lPr9XR>)
 - [Elementary Classroom teaching slides](http://bit.ly/2KsGah8) (power point, <http://bit.ly/2KsGah8>)

- **Middle School Level - Solve a One Health Mystery!**
Teacher Workshop presented, 7th Annual NSTA STEM Forum & Expo, July 13, 2018
(Downloadable files)
 - [Middle School Lesson Plan Overview](http://bit.ly/2xjewdS) (pdf, <http://bit.ly/2xjewdS>)

- **High School Level - 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)
 - [High School Lesson Plan Overview](http://bit.ly/2tYz7S9) (pdf, <http://bit.ly/2tYz7S9>)
 - [High School Lesson Plan Overview](http://bit.ly/2KtqXMP) (Word doc, <http://bit.ly/2KtqXMP>)
 - [High School Classroom Lesson slides](http://bit.ly/2KKMI6N) (pdf, <http://bit.ly/2KKMI6N>)

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LINKS TO 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
- [Be a Zoonotic Disease Detective](http://bit.ly/2MKzSp5) (<http://bit.ly/2MKzSp5>)
From Georgia 4-H, U.S. CDC and USDA APHIS
Level: Grades 4-12
- [Epidemiologists: Disease Detectives](http://bit.ly/2IPQvOm) (<http://bit.ly/2IPQvOm>)
From PBS Learning Media and WGBH
Level: High School
- [Health for One, One Health for All](http://bit.ly/2tMGw7R) (<http://bit.ly/2tMGw7R>)
From the Michigan State Extension 4-H Animal Science Anywhere Program.
Level: General Elementary
- [Healthy Pets, Healthy People Program](http://bit.ly/2MpUp3H) (<http://bit.ly/2MpUp3H>)
All ages. Educational fliers created by US Center for Disease Control and Prevention (CDC)
 - [CDC Educational Materials](http://bit.ly/2WW52PA) (<http://bit.ly/2WW52PA>)
 - [Stay Healthy Around Pets and Farm Animals](http://bit.ly/2DOxlsZ) (<http://bit.ly/2DOxlsZ>)
 - [Stay Healthy Around Small Pets](http://bit.ly/2FQzzt2) (<http://bit.ly/2FQzzt2>)
- [Influenza Education Among Youth in Agriculture](https://www.cste.org/page/YIA) (<https://www.cste.org/page/YIA>)
Educational website created by the Council of State and Territorial Epidemiologists
[Repository of Influenza Educational materials](http://resources.cste.org/yia) (<http://resources.cste.org/yia>)
Click on the small arrow to the left to access descriptions and links to the Resources
Level: All ages
- [Kansas State Olathe One Health Educational Resources](http://bit.ly/2FF0QzF) (<http://bit.ly/2FF0QzF>)
 - K-12 Classroom Activities
 - Classroom Presentations and Handouts
 - Educational Videos
- [MedMyst Magazine: Disease Discovery – One Health Initiative](http://bit.ly/2NovHEQ) (<http://bit.ly/2NovHEQ>)
Created (2010) in partnership: Rice U, U Texas, One Health Initiative team
Level: Grades 4-9, Middle School
- [NOVA Science NOW: 1918 Flu](https://to.pbs.org/2z97rQi) (<https://to.pbs.org/2z97rQi>)
From NOVA Teachers
Level: Middle and High school

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- [**One Health Workshop – 7-12 Year Olds**](#)
Created by the International Veterinary Student Association (IVSA) Standing Committee on Veterinary Education (SCoVE)
([Workshop Plan](http://bit.ly/2NT1ywd) - <http://bit.ly/2NT1ywd>)
([PowerPoint](http://bit.ly/2xmtwr7) - <http://bit.ly/2xmtwr7>)

- [**One Health Workshop – 12-18 Year Olds**](#)
Created by the International Veterinary Student Association (IVSA) Standing Committee on Veterinary Education (SCoVE)
([Workshop Plan](http://bit.ly/2Ovh6DY) - <http://bit.ly/2Ovh6DY>)
([PowerPoint](http://bit.ly/2MK7sM5) - <http://bit.ly/2MK7sM5>)

- [**Outwitting Nature’s Greatest Killer**](#) (<http://bit.ly/2KKOUv1>)
From the Pulitzer Center Lesson Builder;
Level: Elementary and Middle School

- [**Safer Farm Animal Contact Exhibits \(Safer FACES\) Training Program**](#)
<https://www.health.state.mn.us/saferfaces>
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**](#) (<http://bit.ly/2u1fj0y>)
From the Pulitzer Center Lesson Builder
Level: K-12

- [**Solve the Outbreak**](#) (<http://bit.ly/2MJ4MP6>)
An interactive activity from the US Center for Disease Control and Prevention (CDC).
Middle and High School

- [**The Junior Disease Detectives: Operation Outbreak Graphic Novel**](#)
(<http://bit.ly/2MmNOWt>)
Created by 4-H, NIFA, USDA APHIS, CDC
Level: Middle and High School

- [**This is How we “Role”**](#) (<http://bit.ly/2IVKhUh>)
From the Purdue University College of Veterinary Medicine.
Level: K-4

- [**US CDC Free One Health Graphics**](#)

- [**Youth in Agriculture - Influenza and Zoonoses Education**](#) (<http://bit.ly/2FCdOOo>)
One Health in Action Educational Program created by US Center for Disease Control and Prevention (CDC)
Level: K-12

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- [Zika Communication Toolkit for Schools and Campers](http://bit.ly/2Nk9RIM) (http://bit.ly/2Nk9RIM)
Center for Disease Control and Prevention
Level: K-12

- [4-H Community Health Outreach Toolkit: Responding to Mosquito-Borne Illnesses](http://bit.ly/2MI700Z)
(http://bit.ly/2MI700Z)
US Assistant Secretary for Preparedness and Response (ASPR), USDA NIFA (4-H), US National Health Security.
Level: K-12

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One Health Education