

One Health Educational Resources – Middle School



The following resources have been compiled to help teachers develop and deliver One Health-themed curricula at the Middle School level. 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/2lSabl8) (<http://bit.ly/2lSabl8>).

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

LESSON PLANS developed by the One Health Commission Education Task Force

- **Solve a One Health Mystery!** Teacher Workshop presentation, 7th Annual NSTA STEM Forum & Expo, July 13, 2018 (downloadable files coming)
 - [Lesson Plan Overview](#) (Under development - Coming Soon)

Abstract: Engage your students to join forces as they investigate a real-world problem in their neighborhoods. Join us as we demonstrate how a mysterious illness investigation exercise can be used to teach students about broader concepts of the interdependent relationships in urban and natural ecosystems, the importance of biodiversity, and the influence of science and technology on society and the natural world. Introduce the concept of One Health and illustrate how it can be used as a framework for building a variety of important skills across multiple disciplines, including math, science, language arts, and social studies. Attendees will participate in a short, interactive health emergency scenario which can be adapted to the classroom. An array of additional examples, and fun, locally adaptable, and affordable lesson ideas aimed at Next Generation Science Standards will be offered. This is part of a K-12 One Health Initiative.

LINKS TO OTHER ONE HEALTH-RELATED TEACHING MATERIALS (not created by the One Health Commission)

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](#).

- [Soil Pollution in China](http://bit.ly/2u1fj0y) (<http://bit.ly/2u1fj0y>)
From the Pulitzer Center Lesson Builder
Level: K-12
- [NOVA Science NOW: 1918 Flu](https://to.pbs.org/2z97rQi) (<https://to.pbs.org/2z97rQi>)
From NOVA Teachers
Level: Middle and High school.

- [Solve the Outbreak](http://bit.ly/2MJ4MP6) (http://bit.ly/2MJ4MP6)
An interactive activity from the US Center's for Disease Control and Prevention (CDC).
- [Outwitting Nature's Greatest Killer](http://bit.ly/2KKOUv1) (http://bit.ly/2KKOUv1)
From the Pulitzer Center Lesson Builder;
Level: Elementary and Middle School

SCENARIOS/CASE STUDIES

Please see the general [K-12 Educational Resources](http://bit.ly/2tZ1U9h) page for more (<http://bit.ly/2tZ1U9h>)