



Zoonotic Disease Transmission Mystery
9th-12th Classroom Program

Phenomenon

Diseases spread between humans and animals and can be traced back to a source.

Next Generation Science Standards

Science & Engineering Practices	Disciplinary Core Ideas	Crosscutting Concepts
Asking Questions and Defining Problems	LS2.C Ecosystem Dynamics, Functioning, and Resilience	Cause and Effect
Planning and Carrying Out Investigations	LS4.D Biodiversity and Humans	Scale, Proportion and Quantity
Analyzing and Interpreting Data		
Constructing Explanations and Designing Solutions		
Engaging in Argument from Evidence		
Obtaining, Evaluating, and Communicating Information		

Common Core State Standards

CCSS.ELA-LITERACY.RH.9-10.7 and CCSS.ELA-LITERACY.RH.11-12.7

Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, as well as in words) in order to address a question or solve a problem.

CCSS.ELA-LITERACY.RST.9-10.3 and CCSS.ELA-LITERACY.RST.11-12.3

Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanations in the text.

CCSS.ELA-LITERACY.RST.11-12.7

Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., quantitative data, video, multimedia) in order to address a question or solve a problem.

CCSS.ELA-LITERACY.RST.11-12.9

Synthesize information from a range of sources (e.g., texts, experiments, simulations) into a coherent understanding of a process, phenomenon, or concept, resolving conflicting information when possible.

CCSS.ELA-LITERACY.RST.9-10.10 and CCSS.ELA-LITERACY.RST.11-12.10

By the end of grade, read and comprehend science/technical texts in the appropriate grade level text complexity band independently and proficiently.