



Handout: Distribution of a Coronavirus Vaccine

INTRODUCTION: View the following video clips to introduce the basics of how vaccines work and the challenges facing public health officials when distributing a COVID-19 vaccine.

Video Clip: How Vaccines Work (2:49)	
How do researchers test the effectiveness of vaccines once they are created?	
What is meant by placebo?	
How is a vaccine similar to the actual virus?	
How does a vaccine “fake out” the immune system? How does this prevent viral infections?	

Video Clip: How a Coronavirus Vaccine is Being Developed (2:33)	
How would a coronavirus vaccine work?	
How is the federal government supporting the development and distribution of a coronavirus vaccine?	
How are these actions unprecedented?	

EXPLORATION: View each of the following video clips of policymakers, doctors and public health officials discussing the plans to distribute and promote a COVID-19 vaccine. Identify and explain the challenges with vaccine distribution and possible strategies that the government can use to address these challenges.

Video Clip	Challenges	Strategies
Video Clip: State and Federal Role in Vaccine Distribution (4:43)		
Video Clip: Rural Vaccine Distribution (3:36)		
Video Clip: COVID-19 Vaccine Distribution Priorities (1:32)		
Video Clip: Public Confidence in a COVID-19 Vaccine (4:12)		
Video Clip: Public Trust in Vaccines and Community Engagement (1:59)		
Video Clip: The Cost of Coronavirus Vaccines (2:11)		
Video Clip: COVID-19 Vaccine Costs and Global Distribution (2:18)		

APPLICATION: *Using the information from above, develop a list of five strategies that the federal government should use when distributing a coronavirus vaccine. For each, explain why this action would be effective using examples from the video clips.*

Description of the Strategy	Why it would be effective

Wrap-Up: *Answer the following question to summarize what you learned.*

What is the federal government's role in creating and distributing a coronavirus vaccine?