

EXPERT SUMMARY PAGE

Based on the expert consensus reached in your group, you should be able to answer the questions under your expert group heading. Answer the questions for your expert group and brainstorm responses to the "all groups answer" questions before sharing your findings with your classmates.

PUBLIC HEALTH EXPERT GROUP

1. REVIEW: What are some of the specific public health measures used to prevent the spread of disease?

2. Give examples where public health measures can be effective tools in preventing the spread of disease:
 - a.
 - b.
 - c.

3. Describe some of the challenges for using public health measures in preventing the spread of disease:
 - a.
 - b.
 - c.

VACCINE EXPERT GROUP

1. REVIEW: What are some of the specific vaccine programs used to prevent the spread of disease?

2. Give examples where vaccines have been effective tools in preventing the spread of disease:
 - a.
 - b.
 - c.

3. Describe some of the challenges for using vaccines in preventing the spread of disease:
 - a.
 - b.
 - c.
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THERAPEUTIC DRUGS EXPERT GROUP

1. REVIEW: What are some of the specific therapeutic drugs used to prevent the spread of disease?

 2. Give examples where therapeutic drugs can be effective tools in preventing the spread of disease:
 - a.
 - b.
 - c.

 3. Describe some of the challenges for using therapeutic drug in preventing the spread of disease:
 - a.
 - b.
 - c.
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ALL GROUPS ANSWER

1. Why is an understanding of evolution so important to addressing infectious disease?

2. What ideas can you come up with that might help address the major scientific, medical, and public health challenges to treating infectious diseases throughout the world?

BONUS: Give one example where global warming has already had an impact on human health.