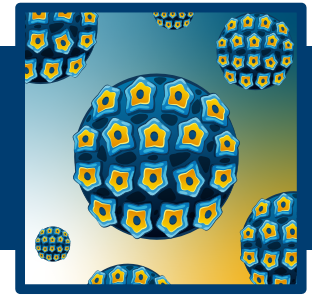


## Teacher Directions

# UNIT: GOING VIRAL!

## LESSON 3: TOWN HALL MEETING

### Activity 3D: The Big Picture



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## Educational Objective

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- › Develop evidence-based hypotheses to investigate increasing infectious disease cases.

## Instructional Objectives

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- › Discuss HPV vaccines from different perspectives.
- › Create an HPV vaccination protocol based on scientific evidence, with consideration of ethical and cultural perspectives.



## Lesson Processing Out

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The teacher will provide the processing out, which relates the HPV scenario to another infectious disease with an available vaccine. Students will make observations, generate a graph, evaluate trends in data, and make predictions supported by evidence. They will select a variable from the list provided to develop a hypothesis as to the impact the variable has on measles infection rate. Working individually or as a group, students will use scientific evidence from previous activities (A, B, and/or C) to support the hypothesis. Keep in mind not all evidence will support every hypothesis.



### Helpful Tips:

- › Parts 1 and 2 can be completed as a whole-group discussion or individually, depending on students' graphing skills.
- › Monitor and ensure that students are providing evidence to support their hypothesis.

### MIDDLE & HIGH SCHOOL LEVEL

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