

## **Lesson Plan 9: Summative Assessments**

**Time: 90 min**

### **Goals for the lesson:**

- Students use evidence from the lesson investigations and individual research to propose and present a policy for mitigating antibiotic resistance.

### **Lesson assessments:**

- Students' proposal outlines and presentations serve as one summative assessment for the unit. See the rubric attached to the policy instructions handout.
- Students can take a content summative assessment, as desired by the teacher. In our implementation of this unit, the test included a final algorithmic explanation of natural selection.

### **Resources/Materials:**

- Policy instructions handout (rubric)
- Algorithm handout
- Teacher provides content test, if desired.

### **Instructional sequence**

<b>Learning Activity</b>	<b>Materials/Supplies</b>
Students turn in their proposal outlines and present their proposals. This can be done in small groups, or to the entire class, depending on teacher preference.	
Students take the summative content assessment (not provided here, depends on teacher implementing the lesson). Students create a final algorithmic explanation of natural selection as part of the summative assessment.	Algorithm handout