**ARC Week at Glance**

**Topic: Antibiotic Resistance and Viruses Course: Biology Grade: 10th Dates: 8/12\_8/16**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Learning Target**  **(I am learning about…)** | **Criteria for Success**  **(I can…)** | **Activation/ Instruction** | **Collaboration/ Guided Practice** | **Independent Learning/ Assessment** |
| *(Include at least one/two formatives\*in any part of the lesson as needed)* | | |
| **Monday** | I am learning about disease outbreaks | I can identify mutations in the Ebola virus | Unit 1 Preassessment | Ebola Disease Detectives Activity  Interactive Ebola Video  [Ebola HHMI Video](https://interactive-video-tool.biointeractive.org/activity/c5f6c073-6c0d-499c-976a-c6b5a6d8dfec?_gl=1*lpkjbx*_ga*MTYwNDg5OTkzNS4xNzIzMjExMjky*_ga_H0E1KHGJBH*MTcyMzIxMTI5Mi4xLjAuMTcyMzIxMTMwMC4wLjAuMA..) | Part 2 Ebola Disease Detectives  Questions |
| **Tuesday** | I am learning how Viruses replicate  I am learning why viruses are not considered living | I can describe the Lytic cycle  I can explain why viruses are not living | Are viruses alive? Close reading and class discussion | Virus Lytic Cycle Gizmo | Disease Spread Data Analysis Gizmo |
| **Wednesday** | I am learning about viruses | I can describe how viruses evolve, how they infect eukaryotes and prokaryotes and their structure | Discussion Question: **How do viruses change over time, and what does that mean for our health** | Viruses Jigsaw Reading Activity- Read and create an infographic with groups  [Intro to Viruses Article](https://www.khanacademy.org/science/biology/biology-of-viruses/virus-biology/a/intro-to-viruses)  [Bacteriphages Article](https://www.khanacademy.org/science/biology/biology-of-viruses/virus-biology/a/bacteriophages)  [Animal and Human Viruses Reading](https://www.khanacademy.org/science/biology/biology-of-viruses/virus-biology/a/animal-viruses-hiv)  [Evolution of Viruses Article](https://www.khanacademy.org/science/biology/biology-of-viruses/virus-biology/a/evolution-of-viruses)  [Biology of Zika Viruses](https://www.khanacademy.org/science/biology/biology-of-viruses/virus-biology/a/what-is-zika-virus) | In Journals: Reflect on what you learned about viruses from your group reading today. What was most surprising? What do you want to know more about? |
| **Thursday** | I am learning about viruses | I can describe how viruses evolve, how they infect eukaryotes and prokaryotes and their structure | Finish up Infographics (no more than 10 min) | Viruses Jigsaw Reading Activity- Present Infographic back to group 2  [Intro to Viruses Article](https://www.khanacademy.org/science/biology/biology-of-viruses/virus-biology/a/intro-to-viruses)  [Bacteriphages Article](https://www.khanacademy.org/science/biology/biology-of-viruses/virus-biology/a/bacteriophages)  [Animal and Human Viruses Reading](https://www.khanacademy.org/science/biology/biology-of-viruses/virus-biology/a/animal-viruses-hiv)  [Evolution of Viruses Article](https://www.khanacademy.org/science/biology/biology-of-viruses/virus-biology/a/evolution-of-viruses)  [Biology of Zika Viruses](https://www.khanacademy.org/science/biology/biology-of-viruses/virus-biology/a/what-is-zika-virus) | AViruses Quiz |
| **Friday** |  |  | [What causes Antibiotic Resistance video](https://www.youtube.com/watch?v=znnp-Ivj2ek) | Antibiotic Resistance Lab | Antibiotic Resistance CER writing |

\*\*Please highlight your literacy tasks, your major grades and your minor grades. I suggest color coding.