**ARC Week at Glance**

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

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|  | **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 DetectivesQuestions  |
| **Tuesday** | I am learning how Viruses replicate I am learning why viruses are not considered living | I can describe the Lytic cycleI 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.