

Cornell Notes

Topic / Objective: Viruses / describe the Name:

Characteristics of viruses and how they Class / Period: BA / 8B

multiply / +/- affects of living things Date: M, 11. 6. 19

Essential Question: How do viruses interact with the living world?

What are the characteristics of viruses?

Questions: Notes: Key Point Information

What kind of particle is a virus, living or non-living? Virus also known to infect bacteria -- bacteriophage - tiny, non-living particle - reproduces inside a living cell - has a protein coat

Scientists hypothesize that viruses could not have existed on Earth before organisms appeared. Agree or Disagree? Why? Virus Needs - (protects genetic material) - cannot reproduce on their own - not cells - do not use their own energy or response to stimuli

What is a virus made up of? - Requires a host -- provides a source of energy - acts as a parasite --

What do viruses need to get energy and multiply? Virus Size - an organism that lives in a host (causes harm) - smaller than cells, not seen w/ reg microscope used in school

What effect does a virus have on its host? - measured in nanometer (nm)

Summary: Write in complete sentences: Answer to E.Q.