**Review for Bacteria & Viruses Test**

Bozeman Science Bacteria

<http://www.bozemanscience.com/bacteria>

\*\*\*Bacterial metabolism is not on the test, but you should know what photoautotrophs are.\*\*\*

1) What’s LUCA?

2) What does Mr. Anderson suggest about mitochondria and chloroplasts?

3) List the structures common to most bacteria and their purpose.

4) Why are gram negative bacteria more difficult for us to treat when they infect the human body?

5) How is binary fission similar, yet different from mitosis?

6) List and describe the three “mobile elements” that help increase genetic variation in bacteria.

7) What is Quorum Sensing and what does it suggest about bacteria? (not on test)

Bozeman Science Viruses

<http://www.bozemanscience.com/viruses>

1) How might have viruses originated?

2) How are viruses classified?

3) List the structures commonly found in viruses and their purpose.

4) Review the lytic & lysogenic phases