

Section 1 of *The Living Century*: Cracking Through the Ceiling

Directions: After reading the section “Cracking Through the Ceiling” from *The New York Times Magazine* article “The Living Century,” respond to the following questions:

Until the middle of the 18th century, why was life expectancy across the globe around 35 years?	
What is variolation and how did the adoption of this process introduce health inequities in England?	
How is vaccination different from variolation?	
How did industrialization affect life expectancy for communities living in cities in the 1800s?	
What caused a high number of deaths among children in the U.S. in the 19th century? Why?	
What is <i>pasteurization</i> ? Who discovered it, and how?	
Describe how milk pasteurization became a standard practice around the world. Who else	

was involved in supporting the spread of this innovation, and how did they contribute?	
Why were many initially opposed to the practice of pasteurization? What does this story tell us about the nature of progress?	