

Processing Out

TUBERCULOSIS

LESSON 1: GOOD NEWS! TB KILLER ON THE LOOSE!

Activity A: Infect Me...If You Can!



**TEXAS BIOMEDICAL
RESEARCH INSTITUTE**
HEALTH STARTS WITH SCIENCE

1. Describe how TB is spread and what preventative measures can be taken to protect yourself and others. Describe why the preventative measures you identify are effective.
2. Research data show South Texas has a higher rate of TB than the rest of the United States. Using what you have learned about TB, explain why, including contributing factors which provide evidence to support your rationale.
3. Explain why you selected the items from the Choice Board. As you answer this question, think about what piqued your interest in the item(s).
4. Consider the activities you completed from the Choice Board. In what ways has this activity affected your knowledge regarding infectious diseases, like TB?

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5. Describe how the body's immune system responds when the lungs are infected with TB.

6. In the article, the CD4+ receptor is important to combat TB. What would happen if a mutation deleted the CD4+ receptor?