



THE TESTING VIDEO DISCUSSION QUESTIONS

Navigating the Post-Apocalypse

1. Compasses rely on magnetism from Earth's two polar poles to function as a direction device. What are some modern day devices that also rely on magnetism to function?
2. Ropes are an easy way to keep track of how far you have traveled when you do not have a distance tracking GPS or handheld device available. What are some other non-conventional ways to keep track of distance?
3. The way we tell directions would be vastly compromised in a setting such as that seen in Charbonneau's *The Testing*. Aside from using a compass what are some ways you could track what direction you were traveling in without using a GPS or modern technology?

Testing Anxiety

1. Fear of bad grades as well as fear of failure are two of the biggest reasons students suffer from test anxiety. Do you suffer from test anxiety? What are some healthy ways someone can process test anxiety?
2. Lack of preparation is another reason that students might suffer from test anxieties. What are some ways students can prepare for tests? Which of these methods works best for you?
3. Tension Differential, Count to Three, and Doctor's Method are three ways a person could combat stress. Why do you believe these three methods work? List at least one explanation for each method.

Engineering or Extinction

1. Engineering is “applying scientific skills and concepts in a new way to solve problems.” By this definition, is there a time you have engineered? If you could go back and redo your engineering, what changes would you possibly make?
2. During the research phase of engineering no idea is a bad idea. You are merely attempting to solve a problem. Imagine that you could engineer anything with no financial or resource limit. What would you engineer? Why?
3. Think of a survival task that needs an engineered solution. What would you engineer to solve the problem? Why?

STEM Read and SmartSpace@NIU are part of Northern Illinois University's STEAM Works Initiative.

