

From 8034 instances of incorrect distracters selected on both pilot versions.

	% of Errors
1. Cannot distinguish science as a unique way of knowing the physical world.	21.2%
2. Cannot discern what constitutes testing a hypothesis or discern whether a hypothesis has been tested.	18.0%
3. Cannot recognize an ethical dilemma exists given one in science.	15.3%
4. Fail to understand that science rests on some basic assumptions.	6.5%
5. Cannot distinguish how science differs from technology.	6.1%
6. Fail to recognize multiple working hypotheses as a method of testing.	6.1%
7. Fail to recognize modeling as a method of testing in science.	5.9%
8. Misconstrue the role of doubt in science.	5.6%
9. Fail to understand the nature of a "theory" in science.	5.3%
10. Cannot perceive the role of peer review in science.	5.1%
11. Fail to perceive the relevance of science literacy to everyday life.	3.0%
12. Fail to comprehend that human perceptions do not alter physical law.	1.8%