

Sample MC Item

In a population of turtles, there are a few turtles that have a softer outer shell than the rest of the turtles. Why is it more likely the hard-shelled turtles will produce offspring?

- A. They will have a greater selection of mates.
- \*B. The hard shell will protect the turtles from predators.
- C. They will be able to eat more food than the soft-shelled turtles.
- D. The hard shell is a dominant trait, so it will appear more frequently in the population.

# FCAT SCIENCE

## PLANNING CARDS Grade 8

### BENCHMARK SC.F.2.3.3.

<b>Item Type(s)</b>	MC
<b>Benchmark Clarification</b>	The student recognizes that in a successful population, genetic material is inherited that enables individual members of the population to survive to the reproductive age.
<b>Content Limits</b>	Items will only address populations that utilize sexual reproduction.  Items will NOT address the Hardy-Weinberg principle or population calculations.
<b>Stimulus Attributes</b>	None specified.
<b>Response Attributes</b>	None specified.