

# Stick Bug Worksheet

Starting Population	Tan	Yellow	Red	Green	Total
H	25	25	25	25	(E) 100

Generation One	Tan	Yellow	Red	Green	Total
B					(C)
A					
D					
H					(E) 100

Generation Two	Tan	Yellow	Red	Green	Total
B					(C)
A					
D					
H					(E) 100

Generation Three	Tan	Yellow	Red	Green	Total
B					(C)
A					
D					
H					(E) 100

Generation Four	Tan	Yellow	Red	Green	Total
B					(C)
A					
D					
H					(E) 100

# Stick Bug Worksheet (Con't.)

1. Did the population of stick bugs change through the generations? How?
  
  
  
  
  
  
  
  
  
  
2. In a real forest—what factors might cause a specific color of stick bugs to disappear? Is this likely to occur?
  
  
  
  
  
  
  
  
  
  
3. What would happen if all of the red stick bug predators became extinct? What would likely happen to the stick bug population? How might this affect the tan stick bugs?
  
  
  
  
  
  
  
  
  
  
4. What happened to the gene pool of the stick bugs over the generations studied?