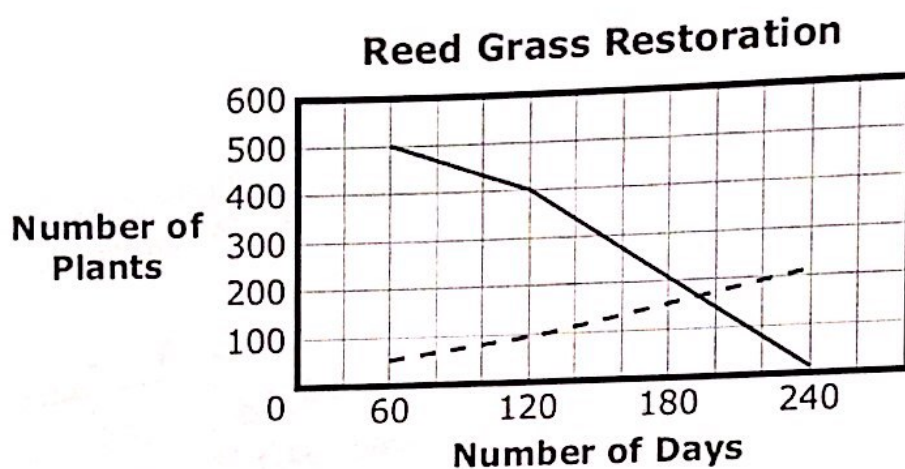


Constructed Response
Standard 5: The Nature of Science

Question 1

In a protected wetland the number of native reed grass has decreased. They are being taken over by a non-native weed called purple loosestrife. A biologist decides to pull the purple loosestrife from the protected wetland. She predicts that as the number of purple loosestrife decreases, the number of reed grass will increase, improving the habitat.

The results are shown in the line graph below.



KEY	
—	Purple loosestrife
- - -	Reed grass

The biologist noticed that the population of ducks living in the wetland decreased along with the reed grass population. The ducks build their nests in the reed grass.

Use the information in the graph to predict how the duck population will MOST LIKELY be affected as a result of the biologist removing purple loosestrife from the wetland.
