

Genetic Mutations Handout

As you work your way through the genetic mutations interactive activity, answer the following questions to help you collect the relevant information.

1.	What is a genetic mutation?		
2.	What	is tł	ne difference between an acquired mutation and a hereditary mutation?
3.	Define	Define the following mutations. What effects do they have on the genetic code, if any	
I. Point Mutation		Ро	int Mutation
		a.	Silent
		b.	Nonsense
		c.	Missense
	II.	Fra	ameshift Mutation (insertion and deletion)



4. How can a mutation that is deemed negative to an individual when it first arises later become beneficial to individuals and the species as a whole?