Online Resources:

Genetics 101 Part One
http://www.youtube.com/watch?v=ubq4eu_TDFc
This short 4 ½ minute video clip gives a great description of DNA, genes, and how they function in making us a unique organism. Great visuals to help students understand some key concepts for Fun with Mutants.

Genetics 101 Part 4
http://www.youtube.com/watch?v=kLpr6t4-eLI
This short 2 minute video clip by Khan Academy gives a nice description of phenotypes and how they are formed through the interaction of genes and environmental factors.

Interactive Animation from University of Utah Health and Sciences

Videos that explain: heredity, a trait, DNA, a gene, a protein, and a chromosome
http://learn.genetics.utah.edu/content/basics/