

# Making it in a Tough Environment: You and Your Genes

**Directions:** Cut apart the questions. Glue down the questions, ONE AT A TIME. READ and then answer each question, in order. You must answer the first question before you glue down the second question (that way you will customize the amount of space needed to answer each question). Questions will be glued and answered on NOTEBOOK PAGES 44-45.

**Prior Knowledge:** List 5-10 facts you already know about genetics.

**Pages 3-5:** As you read, go back to your prior knowledge. Put a checkmark next to any prediction fact that you wrote this is ALSO mentioned in the reading.

**Page 5:** What else, besides heredity (your genes), determines what you end up like?

**Pages 6-7:** What is one way a genetic disorder can be caused?

**Page 8:** In addition to “bad” genes, list other factors that are mentioned that could cause disease.

**Page 9:** Why do some smokers develop lung cancer and emphysema, while others do not?

**Pages 10-11:** What is the purpose of the Environmental Genome Project?

**Prediction:** How do you think the study of genetics will affect the future? Include support and specific examples in your answer.