

KEY

for

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1. What does DNA stand for?
(Deoxyribonucleic acid)
2. What are the 4 chemicals linked to DNA?
(Adenine, thymine, cytosine, and guanine)
3. How much DNA (roughly-sizes) is in each cell in your body?
(2 billion miles)
4. What are genes?
(Sections or segments of DNA located on chromosomes that determine specific characteristics)
5. Heredity plays an important role in determining study of your characteristics. What else can influence your abilities and interests?
(Environment)
6. What is another word for the changes that your genes can have?
(Mutations)
7. Describe autosomal recessive traits.
(A person must have a mutation in both genes in order to show the trait)
8. How many mutated genes are in each cell?
(0-10)
9. How can a person have just one mutated gene and show the disorder?
(If there is a change in the dominant gene)
10. People who have just one copy of a recessive gene are called carriers.
11. Why would scientists create genes in a petri dish?
(To produce special proteins for gene therapy)
12. What is gene therapy?
(Using viruses to supply copies of healthy genes to cells with mutant or missing genes.)

(Continued on back)

Astronomy Webquest Answer Key

M Mosston



Astronomy Webquest Answer Key:

Webquest, 1999 This text provides a series of online interactive exercises covering 22 topics in astronomy There are three to four Web sites per topic one to three multiple choice questions per Web site two short answer questions and one essay question per topic **The Handy Astronomy Answer Book** Charles Liu, 2009-07-10 *Extrasolar Planet Detection Methods WebQuest*, Alwyn Botha presents a WebQuest for high school science classes pertaining to the field of astronomy The student prepares a presentation for a middle school astronomy club explaining how planets outside of the solar system are detected Botha highlights the lesson procedures and provides links to suggested resources *Study Guide for Parker's Concepts of the Cosmos, an Introduction to Astronomy* Ronald J. Bieniek, 1984 **Age of the Universe WebQuest**, Alwyn Botha presents a WebQuest for high school science classes pertaining to the field of astronomy The student compiles a list of the methods used to determine the age of the universe and then evaluates these methods Botha highlights the lesson procedures and provides links to suggested resources *Properties of Stars WebQuest*, Alwyn Botha presents a WebQuest for high school science classes pertaining to the field of astronomy The student writes an article explaining how scientists study the properties of stars Botha highlights the lesson procedures and provides links to suggested resources *Life Cycle of Stars WebQuest*, Alwyn Botha presents a WebQuest for high school science classes pertaining to the field of astronomy The student uses the life cycle of stars to demonstrate the relationships among various science disciplines Botha highlights the lesson procedures and provides links to suggested resources

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but for arthur the demolition of his house is only the beginning arthur s friend eccentric ford prefect reveals to earth that he
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