

SCIENCE EXPLORATIONS

WEB QUEST

What's the Big Deal About DNA?

Explore the Web Quest online and use the space below to record what you learn.



Questions

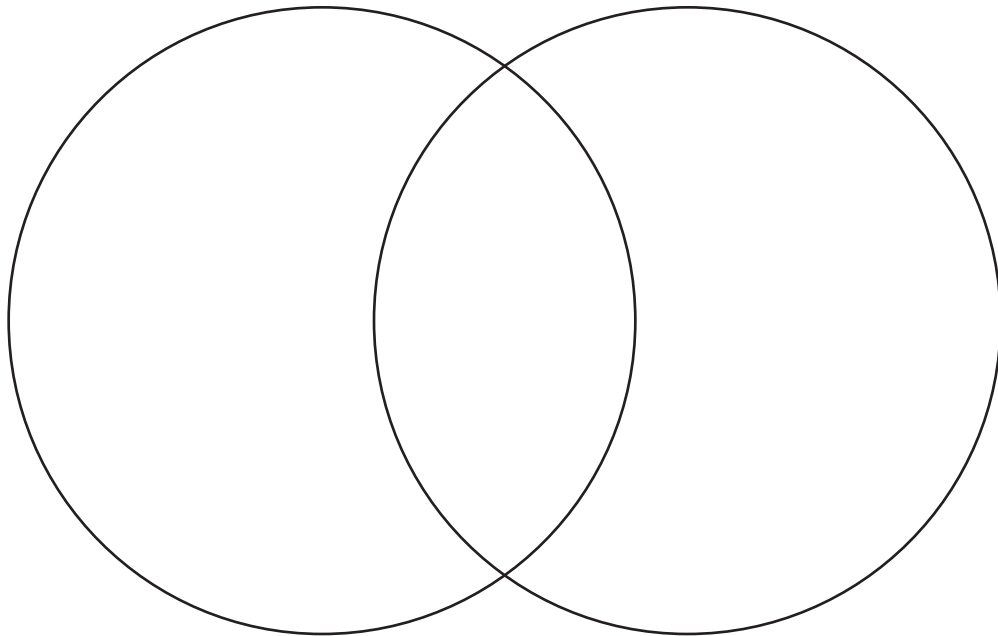
1. Describe what DNA looks like, or draw a picture in the space provided. What is a double helix? What do the letters A, T, C, and G stand for?

2. Explain what the human genome is. Why do scientists want to study it?

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3. Compare and contrast the St. Vincent parrot and the pacu. Where does each animal live? Why is it endangered? How do scientists collect DNA for the animal? How do they use DNA to help protect the animal?



4. Name two reasons why scientists would want to clone animals.

5. Describe why scientists would want to change how fast (or slow) organisms like salmon or grass grow. Do you think this should be done? Defend your answer.
