

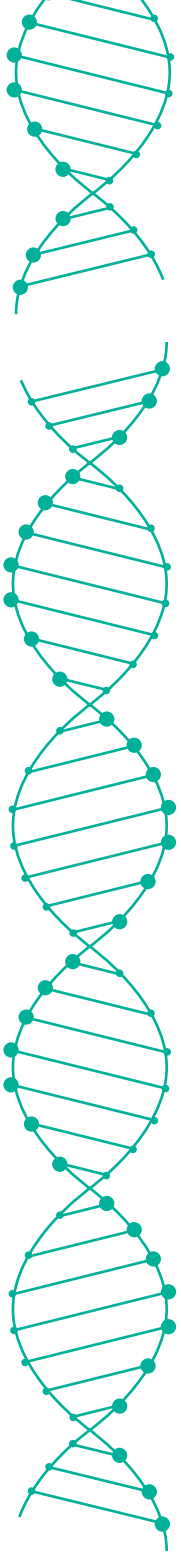


STEM CLASSROOM ACTIVITY

HUMAN GENOME SEQUENCING

Student Handout





ASSIGNMENT

HUMAN GENOME SEQUENCING: YAY OR NAY?

With the advancement of DNA technology, the human genome was successfully mapped. However, a number of ethical concerns surround the release of gene data from specific cultures and individuals.

Do you believe it is ethical or unethical to make individual people's gene sequences available to the public? Introduce the significance of the Human Genome Project and support your stance with **at least 3 pieces of evidence from videos or text**. Also acknowledge the other side with at least 1 piece of supporting evidence and why you disagree with the other side.

NOTES ON THE HUMAN GENOME PROJECT

Write notes below or, for more space, on a separate sheet of paper:

1. Purpose of the project

2. What the project can tell people about themselves and their history

3. Two to three specific examples of how gene sequencing can help people determine their ancestry

Evidence *For* Making DNA Sequences Public

Evidence *Against* Making DNA Sequences Public

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