Name:	Date	Block
- Welling C.	LAWIE C.	DEUNE.

# intro to GENETICS webquest

Use the videos below to find the answers to the following questions. You should watch the entire video.

Know that the questions are written in the order that they will be discussed through the video.

DNA, Chromosomes, Genes, and Traits. An Intro to Heredity. https://woutu.be/8mi6hHRiK.worY.



1. What is heredity?	The transmission of tracts from one generation to the next	
2. What are the traits of Spike?	1. His size 2. Body size	
3. Where are Spikes traits coded?	In his Nuclei	
4. Where is the DNA located?	in the cell nucleus	
5. What does Asexual Reproduction mean?	Is a reproduction when a new offspring is born by a single parent	
6. What are some things that DNA determines in your body?	Height     eye color     Hair color     Rusk of certain Diseases	
7. What is the shape of DNA?	Double helix	
S. What are the 3 parts of a nucleotide?	Sugar     Nitrogenous base     Phosphate group	
9. What part of the nucleotide codes for your traits?	Nitrogenous base	
10. What are the 4 types of bases?	1. Ademine 2. Thymine 3. Gytosine 4. Guanine	
11. What is a chromosome?	Structure made up of DNA	
12. How many chromosomes do humans have?	46	
13. How many chromosomes do you receive from your	23 mom side 23 dad side	

# **Answer Key To Webquest On Genetics**

## **A Gutmann**

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Forum ,2003 English Teaching Forum ,2000

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