

Journey into DNA Interactive (22 pts)

1-2 of 15: Where is the human genome located in the human body? How does the genome in each cell compare? (2 pts)

4 of 15: What organelle contains the human genome? What is the function of this organelle? (2 pts)

5 of 15: How is the human genome, chromosomes, and genes related to each other? (2 pts)

8 of 15: What is a gene made of, and what does it do? (2 pts)

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Draw the double helix
(1 pt)

What is the shape of the DNA molecule? (1 pt)

Who are the 3 scientists most responsible for discovering DNA's structure?

(3 pts)

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Draw the picture
shown (1 pt)

What is the DNA molecule made of? (1 pt)

Which bases pair together? (2 pts)

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What 2 things do the sides of the DNA ladder consist of? (2 pts)

What are the 3 parts of a nucleotide? (3 pts)
