Name: Period:

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![C:\Users\ryan.miller\AppData\Local\Microsoft\Windows\INetCache\IE\9MEF6WZ7\dna1[1].png]()Short Film: The Double Helix 

**Driceitnos**: As you wcath the flim asnewr the qeutsoins up to the pusae pinot. Srahe and dcsisus yuor aenrws wtih yuor tlbae, tehn the casls.

1. (4:08) What are the chromosomes made of?

Where are genes found?

What is the structure of DNA?

Why was Oswold Avery’s work significant to Watson and Crick?

2. (9:05) Why was x-ray crystallography being used to determine the structure of DNA?

3. (13:50) What is the structure of DNA?

What were the key pieces of evidence that led Watson and Crick to determine that structure?

4. (16:53) How does DNA’s structure explain the stability of life?

How does it explain the mutability of life?