Honors Biology Name:

*Crash Course: DNA Structure note sheet (Watch until 8:50)*

What does DNA stand for?

How many chromosomes does a human somatic (non-sex cell) cell have?

What kind of a molecule is DNA?

What is a polynucleotide?

What is needed to make a nucleotide?

What part of the nucleotide is unique?

What is the support for the double helix?

What does 5 prime mean?

What kind of bonds hold the nitrogenous bases together?

What are the base pairs?

How many base pairs are on chromosome one?

How many base pairs are in each human cell?

What is the complementary strand that would match 5’ AGGTCCG 3’?

What are the 3 differences between DNA and RNA?

Why is RNA important?

Who actually discovered DNA in 1861?