Name:_____

Note Catcher

1.What do you know about the gif on the first slide, Brain dump your knowledge:

Video Notes:

2. DeoxyriboNucleic Acid is _____.

3. The shape is a long _____ _____

4. _____ _____ are tiny little chemicals inside our bodies that are so important they're often referred to as the building blocks of life. There's about _____ different kinds, each with their own unique _____.

5. _____ _____ make up _____ which combine with other chemicals to form _____ _____ which make up _____ which makeup _____ combine to form living creatures.

6. The steps of the ladder are made up of _____ different kinds of chemicals.

7. If you look at just one half of the molecule you can read this chemical sequence or _____ _____ from top to bottom sort of like a book.

8. _____ is a small partial copy of the DNA code.

9, Ribosomes read the RNA code _____ letters at a time, suck amino acids out of their surroundings and stick them together in a chain according to the RNA code. As the chain grows it bends, folds, and sticks to itself to form a perfectly shaped _____.

10. What is DNA?

Class Notes:

What are the base pairs?

What are the 4 base pairs of DNA?

Which base pair is different in RNA?

What's the difference between genotype and phenotype?

Build a DNA Strand:

Identity Card Name: _____ Group Role:_____

Feature	Template Base Pairs	Template Gumdrop Color Sequence	Complementary Strand Base Pairs	Template Strand (colors)
Ex. Eyes Brown	TGG	Orange/Red, Green, Green	ACC	Yellow/White, purple, purple
Eyes				
Hair				
Dominant Hand				
Height				
Nose Shape				

Decode : Reverse your process. Use colors to figure out codons. Check with the original group to verify features and collect identity name when you are correct.

Identity Care Name: _____ Group Role:_____

Feature	Template Base Pairs	Gumdrop color sequence	Complementary Strand Base Pairs	Template Strand (colors)
Eyes				
Hair				
Dominant Hand				
Height				
Nose Shape				

What are some of the ways DNA information is used?

I want to learn more about:

A question I have: