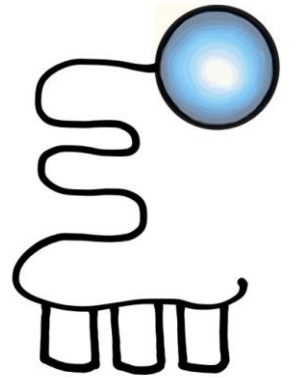
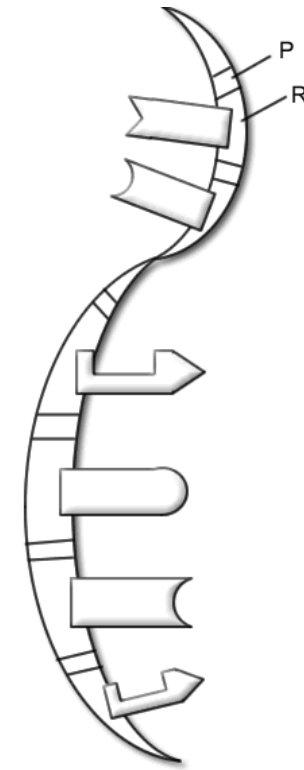


Properties	RNA			
	DNA	mRNA	rRNA	tRNA
Number of Strands				
Nitrogen Bases				
Sugar				
Location(s)				
Function				
Diagram				

Genetic Code Cipher

DNA				
DNA				
mRNA				
tRNA				



Standard 4

Anchor Document 2

Name: _____

Essential Questions

1. Is DNA single or double stranded?
2. Is RNA single or double stranded?
3. What is the sugar found in DNA?
4. What is the sugar found in RNA?
5. What are the four nitrogen bases in DNA?
6. What are the four nitrogen bases in RNA?
7. Complete a complementary strand of DNA from the following DNA: AAA TTT CCC GGG
8. Complete a complementary strand of mRNA from the following DNA: AAA TTT CCC GGG
9. Complete a complementary strand of tRNA from the following mRNA: AAA UUU GGG GGG
10. Where in the cell can you find DNA?
11. Where in the cell can you find mRNA?
12. Where in the cell can you find tRNA?
13. Where in the cell can you find tRNA?
14. What is the function of DNA in the cell?
15. What is the function of mRNA in the cell?
16. What is the function of tRNA in the cell?
17. What is the function of rRNA in the cell?
18. What happens during transcription?
19. Why does transcription occur?