Tracking My Progress with "I Can Statements"-*based on the OGT standards*

UNIT 3

Name _____ Period_____ Date of Test:_____

TOPICS to Master: **DNA (Structure, Function, Replication, and Protein synthesis-Transcription & Translation)**

OGT	#	Learning Targets Based on the OGT		(√) Which describes you? I have no idea	I know some	I know most	Mastered the idea
		Self check your own progress by checking where you are ***B* = Before the lesson *A* = After the test**					
C-5	1	I can discuss the contributions that Franklin, Watson and Crick made to the discovery of the shape of deoxyribonucleic acid (DNA).	B				
			A				
C-5	2	I can discuss the importance of Chargaff's base-pairing rules to DNA structure and replication.	B				
			A				
C-5	3	I can identify the components of the nucleotide (sugar, phosphate and nitrogenous bases).	B				
			A				
C-5	4	I can identify the four nitrogenous bases in DNA (adenine, cytosine, guanine, & thymine).	B				
			A				
C-5	5	I can identify the shape and function of DNA (deoxyribonucleic acid).	B				
			A				
C-5	6	I can explain and model the process of DNA replication.	B				
			A				
C-5	7	I can identify that the purpose of DNA replication in the creation of a new cell.	B				
			A				
C-5	8	I can discuss how DNA stores information in the sequences (order) of the four bases.	B				
			A				
C-5	9	I can describe how the nitrogenous bases act as a code for creating amino acids and proteins.	B				
			A				
C-5	10	I can describe the role and function of proteins in the cell.	B				
			A				
C-5	11	I can define the process of protein synthesis; (processes of transcription & translation).	B				
			A				
C-5	12	I can differentiate between the structure and function of DNA and RNA.	B				
			A				
C-5	13	I can describe mRNA and its role in transcription.	B				
			A				
C-5	14	I can describe tRNA and its role in translation.	B				
			A				

OGT	Self check your own progress by checking where you are ***B* = Before the lesson *A* = After the test**			(√) Which describes you?			
	#	**Learning Targets Based on the OGT**		I have no idea 	I know some 	I know most 	Mastered the idea 
C-7	**15**	I can define a mutation.	**B**				
			A				
C-7	**16**	I can differentiate between a point and frame-shift mutation.	**B**				
			A				
C-7	**17**	I can provide reasons for why mutations occur.	**B**				
			A				
C-7	**18**	I can identify the four nitrogenous bases in DNA (adenine, cytosine, guanine, & thymine).	**B**				
			A				

Name _____ Period _____

Identifying My Strengths and Focusing Further Study

Question	Learning Target #	Confident	Unsure	Got it Right	Got it Wrong	Simple Mistake	Need Further Study
1	1						
2	8						
3	2						
4	2						
5	2						
6	2						
7	2						
8	2						
9	7						
10	7						
11	12						
12	12						
13	15						
14	6						
15	15						
16	8						
17	8						
18	8						
19	8						
20	8						
21	10						

22	10						
23	10						
24	10						
25	10						
26	11						
27	11						
28	11						
29	11						
30a	13						
30b	13						
30c	13						
30d	13						
30e	13						
30f	13						
31-1	5 and 6						
31-2	5 and 6						
31-3	5 and 6						
32	14						
33	15						
34a	11						
34b	15						
34c	15						
34d	13						
35a	5						
35b	5						
35c	6						
35d	4						
35e	4						

1. **Record if you are confident or unsure about the question you are working on while you are taking the test by placing a check in the row corresponding to each question.**
2. **While reviewing your graded test, place a check in the corresponding (right/wrong) box in the chart above.**
3. **For each wrong answer, place a check in the corresponding (simple mistake/ need further study) box in the chart above.**
4. **Go back and highlight the "I Can Statements" on page 1 you still need help on.**