

OBJECTIVE 2: GEL ELECTROPHORESIS

4. WHO ATE THE CHEESE? ACTIVITY

100 pts

Complete the “Who Stole the Cheese?” activity by following the instructions in the worksheet packet. You will need a pair of scissors to cut up the DNA strips. **PRODUCT & REFLECTION QUIZ**

5. CASTLE LEARNING: GEL ELECTROPHORESIS REGENTS QUESTIONS

150 pts

Go to www.castlelearning.com and login. Complete the assignment titled “U8.OB2.Gel Electrophoresis”. Fill out the Castle Learning Reflection to get credit. **PRODUCT & CASTLE LEARNING REFLECTION**

OBJECTIVE 3: GENETIC ENGINEERING & CLONING

6. GIST SECTION 15.2: TRANSGENETIC ORGANISMS (pp. 426-427)

150 pts

Read and GIST (summarize/outline) part of section 15-2 (on a handout). **PRODUCT & REFLECTION QUIZ**

7. BRAINPOP: DOLLY THE SHEEP OR CLONING

50 pts

Go to www.brainpop.com and login (Username: **envirohns** Password: **brainpop**). Watch the “Dolly the Sheep” or “Cloning” video and take the **GRADED QUIZ**. E-mail the results (ybell2@schools.nyc.gov or msbellinohses@gmail.com). **PRODUCT & REFLECTION QUIZ**

8. CASTLE LEARNING: GENETIC ENGINEERING AND CLONING REGENTS QUESTIONS

150 pts

Go to www.castlelearning.com and login. Complete the assignment titled “U8.OB3.Genetic Engineering and Cloning”. Fill out the Castle Learning Reflection to get credit. **PRODUCT & CASTLE LEARNING REFLECTION**

Layer B & A- Analysis & Application

9. LAB: RELATIONSHIPS AND BIODIVERSITY

350 pts

As a class we will complete the Living Environment Regents State Mandated Lab. During these days we will be in Room 5002. YOU MUST COMPLETE THIS LAB IN ORDER TO BE ELIGIBLE TO TAKE THE REGENTS IN JUNE.

Day 1 – 4/29	Day 2 – 4/30	Day 3 – 5/1	Day 4 – 5/2	Day 5 – 5/3
Go over unit 8 syllabus Unit 8 Vocabulary	Mini-Lesson 1: Selective Breeding Objective 1 Activity	Mini-Lesson 2: Gel Electrophoresis Objective 2 Activity	Mini-Lesson 3: Genetic Engineering and Cloning Objective 3 Activity	Layer C Activities
Day 6 – 5/6	Day 7 – 5/7	Day 8 – 5/8	Day 9 – 5/9	Day 10 – 5/10
LAYER B & A: LAB: RELATIONSHIPS AND BIODIVERSITY				
Day 11 – 5/13 LAYER DAY	Day 12 – 5/14 Unit 8 Exam Review	Day 13 – 5/15 Unit 8 Exam	Day 14 – 5/16 Test Corrections	Day 15 – 5/17 ALL LAYERS DUE