

Name \_\_\_\_\_

### DNA Fingerprint Webquest

Go to : <http://www.pbs.org/wgbh/nova/sheppard/analyze.html>

Click on Create a DNA Fingerprint Lab

Overview:

DNA is unique from \_\_\_\_\_, but the same \_\_\_\_\_.

#### Part 1: It Takes a Licken

Complete the lab then answer the question.

1. Who was the licken culprit? \_\_\_\_\_

#### Part 2: DNA Fingerprint Lab

1. What do restriction enzymes do? \_\_\_\_\_

2. What does the agarose do? \_\_\_\_\_

3. When electrophoresis is complete how are the fragments distributed in the gel? \_\_\_\_\_

### **Who's Your Daddy Webquest**

Go to :

<Http://www.cccoe.net/genetics/student.html>

Click on student tutorial.

Click on Blood Types and Heredity.

Practice.

Then click on Who's Your Daddy? Novice and fill in the worksheet.