Please number from two to sixteen on a separate sheet of paper, and answer the following questions:

1. Write the name of this activity on the top of your paper.
2. What is the one exception to everyone having their own unique DNA?
3. How might a DNA Fingerprint be used?

**It takes a Lickin’**

4. Who is trying to solve the crime?
5. What object had been disturbed? (be specific!)
6. How many sisters does Jimmy have?
7. What bodily fluid has provided the DNA for this case?

**Fingerprinting at the NOVA Lab**

8. What household item do the restriction enzymes emulate?
9. The length of the fragments will vary from person to person because...
10. What is the Agarose gel similar to?
11. What is electrophoresis?
12. How are fragments distributed in the gel?
13. What does the nylon membrane look like?
14. What are probes?
15. What happens to the excess probes?

**Chose the Culprit**

16. Which of the sisters is the culprit?