CSI Experience: Burning Star
Case 3

Go to: http://forensics.rice.edu/

Create a free account (user name and password) so you can return if you need to…otherwise you will have to start all over again when you return.

Click on Case Three: Burning Star

Talk to Grissom and answer the following question:

1. What is the case?
2. What equipment do you need?

Go to the crime scene and talk to Nick.

1. Who found the care?
2. Where is the body?
3. What’s in the glove box?
4. What’s in the trunk?
5. Explain the steps used to make a cast of the shoe prints:
   1.
   2.
   3.
   4. wait _____ minutes
   5.

When you have finished at the crime scene, return to headquarters and go to the morgue.

Talk to Dr. Robbins.

1. Who is the victim?
2. How can you identify her further?
3. When did she die?
4. What was the cause of death?
5. What do you know about the murder weapon?
6. How did you use the impression gel?

Go back to HEADQUARTERS and go to the LAB to talk to Catherine.

Summarize what you can do at the following stations:

1. DNA Station:
2. Fingerprint Station:
3. Digital Forensic Station:
4. Light table:
5. Toolmark Comparison Station:

Go to the Fingerprint Station and collect prints from the liquor bottle.

1. What method will you use?
2. How long does it take?
3. How does superglue fuming work?
4. What class characteristic is the print?
5. List the 6 ridge characteristics you find:
   1.
   2.
   3.
   4.
   5.
   6.

After running the fingerprint analysis what did you find?

- Name:
- Occupation:
- Address:
- Source:

Submit your DNA for analysis and answer the following questions.

1. How many genetic markers are in a DNA profile?
2. What does CODIS stand for and what does it consist of?
3. After running the victim’s sample through CODIS, what did you find?

Return to the morgue and talk to Dr. Robbins again.

1. What does he suggest?
2. What are the steps to facial reconstruction:
   1.
   2.
     a. How many markers are used?
   3.
   4.

Go to the AGENT’S OFFICE.

1. What information does Mr. Wan give you?

Go to Reynold’s residence.

Talk to the boyfriend, Lawrence Garvey:
1. What is his girlfriend’s name?
2. When did he last see her?
3. What was strange about dinner?
4. Would anyone like to hurt Freebird?

Talk to Mrs. Reynolds:

1. When did she last see Freebird?
2. Would anyone like to hurt Freebird?

Show the facial reconstruction to Lawrence and Mrs. Reynolds.

1. What evidence do you collect at the Reynolds residence?
2. What clues do you find at the Reynolds residence?

Return to the lab and analyze the DNA again.

1. What do you find?
2. What do you need to do before you can compare the hunting knife to the victim’s wound impression?
3. What did you find?

Analyze Freebird’s computer.

1. What are the 2 parts of analyzing digital evidence?
   1.
   2.
2. What information did you find in Freebird’s email?
   INBOX
   1.
   2.
   3.
   SENT
   1.
   TRASH
   1.

3. What did you find in recent documents?
4. What did you find in Recycling Bin?

Return to AGENT’S OFFICE.
Ask Mr. Wan the following questions and record his answers:

1. Who would want to hurt Freebird?
2. Why were your fingerprints found on liquor bottle at crime scene?
3. What other clues have you found at Mr. Wan’s office?

Return to the LAB and analyze Mr. Wan’s shoes. Is it a match?

Return to the Reynolds house and talk to Lawrence again.

Ask him the following questions and record his answers.

1. Who’s truck is out front?
2. Who’s knife is it?
3. Are you aware the window is broken?
4. What evidence do you collect from Lawrence?

What is the real name of No1FAN?

Return to the LAB and compare Lawrence’s shoes to the crime scene. Is it a match?

Go see Mr. Tam.

What evidence do you collect from his apartment?

1.
2.
3.
4.

Compare Mr. Tam’s shoes to the case from the crime scene. Is it a match?

Analyze Mr. Tam’s fingerprints.

1. What will you compare them to?

Answer all of Grissom’s questions.

Who killed Freebird?