**Forensic Team Checklist:**

1. **Blood Typing is complete and results are recorded**
2. **Microscope samples have been observed, notes taken, and compared to information on suspect cards**
3. **Using phone/Ipad photograph all fingerprints you find at the scene of the crime. Compare them to suspect fingerprints. Record data and observations.**
4. **Footprints found at crime scene have been observed and you have tried to figure out which footprint belongs to which suspect. Use the foot to height resources. Record data and observations.**

* **There is a great Excel spreadsheet template under the foot to height link which you can find under “Process”**
* **Tells you exactly how to find the height of the person based on the length of the footprint in inches!**

1. **QR reader (DNA/RNA):**

**Steps:**

**1) DNA sequence has been read and copied to GoogleDocs**

**2) DNA complementary strand has been decoded using base pair rule.**

**3) mRNA strand has been determined using the complementary strand as the template**

**4) Form codons from the mRNA strand**

**5) Use the Amino Acid Codon chart to determine which amino acid each codon codes for**

**6) Use the Amino Acid Alphabet to determine letters (that might spell a name)**

**7) Unscramble the letters to spell the names of the suspects**

1. **QR Reader (DNA Fingerprinting):**

* **Must show me that other evidence has been analyzed before you have access to the DNA fingerprinting lab room!!!**
* **Scan the QR code for DNA fingerprint. Using your information you got from the DNA sequence you can determine which DNA fingerprint belongs to which suspect.**
  1. **Look at all the DNA fingerprints that were run by Officer’s Seipert’s crime scene investigation team (found under Resource Analysis)……is there a match with one of the suspects?? Record data and observations**

1. **Using all the evidence above create a short presentation (using any form of multi-media technology) about who should be convicted in the crime of the missing Puma!**
   1. **Examples: News Report (video/green screen), Create an Avatar using the Xbox,**