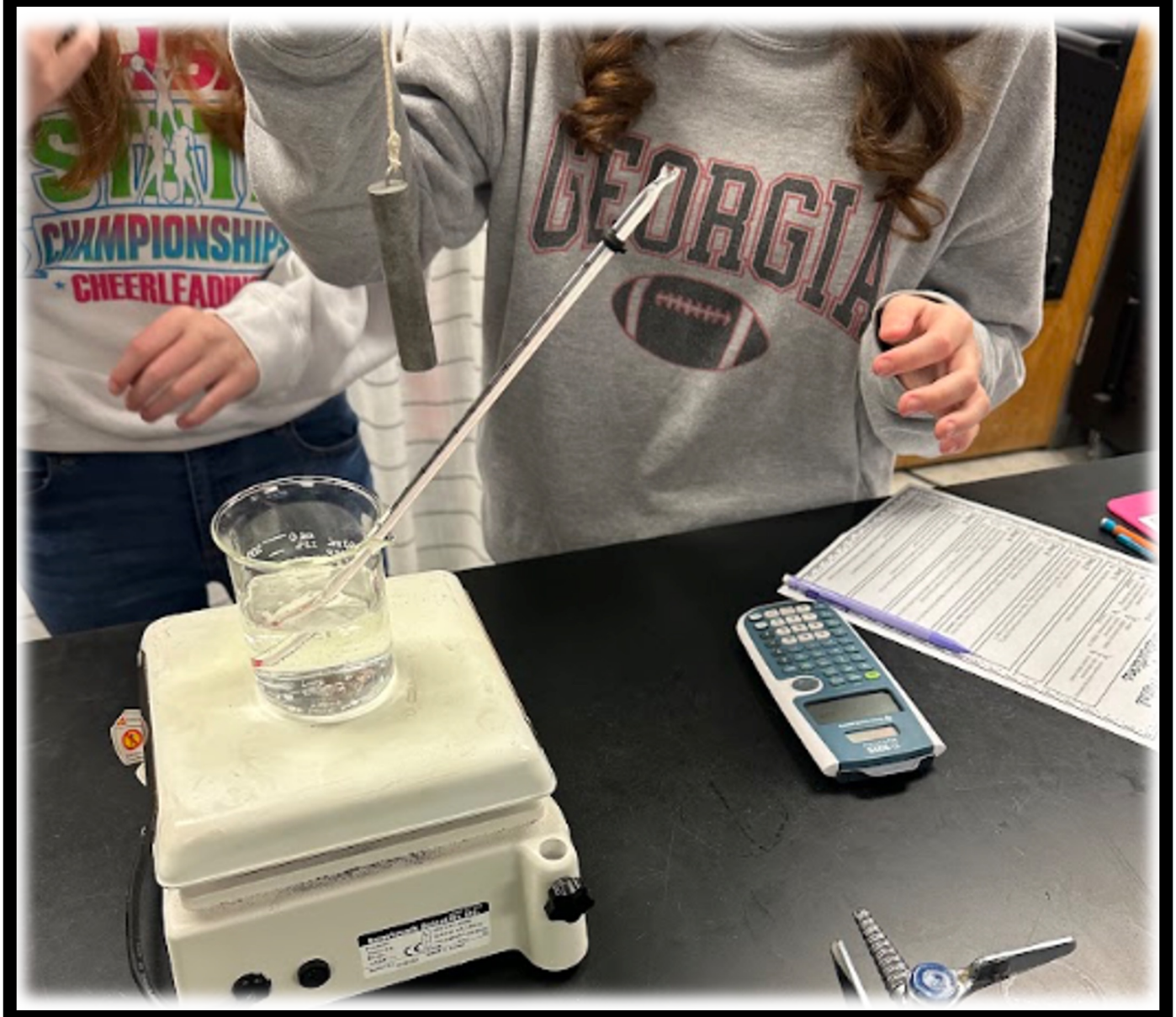
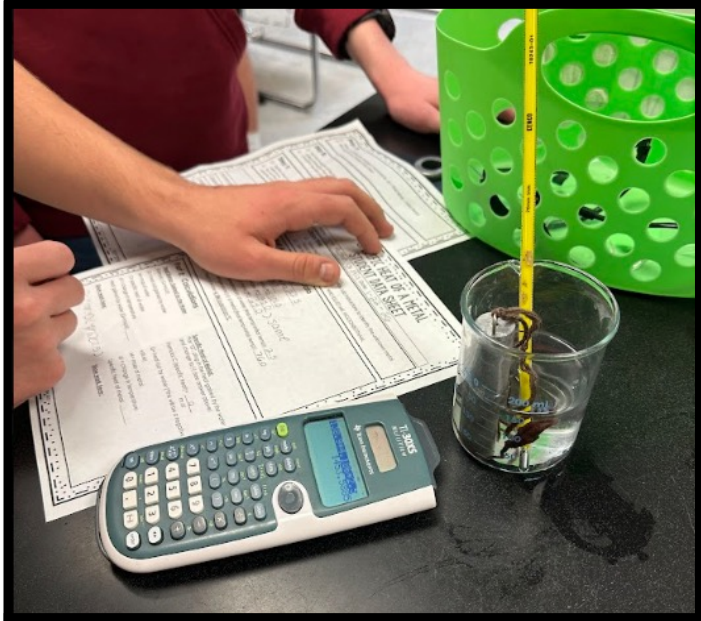
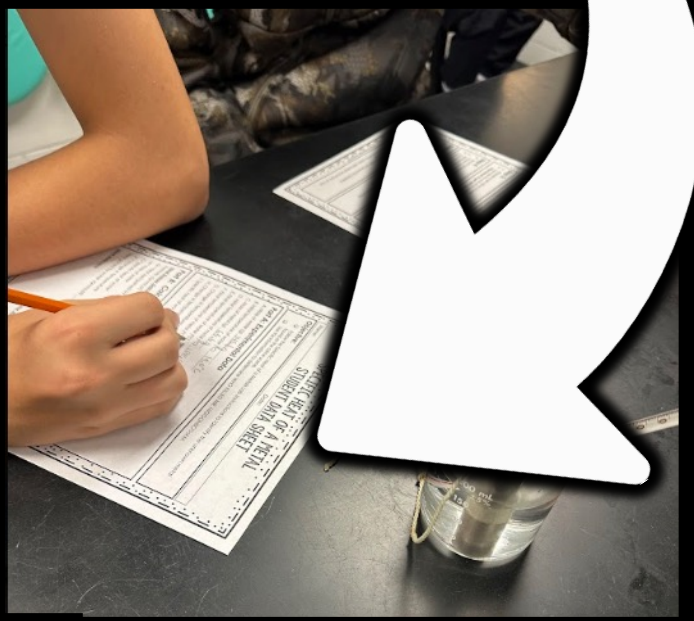
THE CASE OF THE UNKNOWN METAL

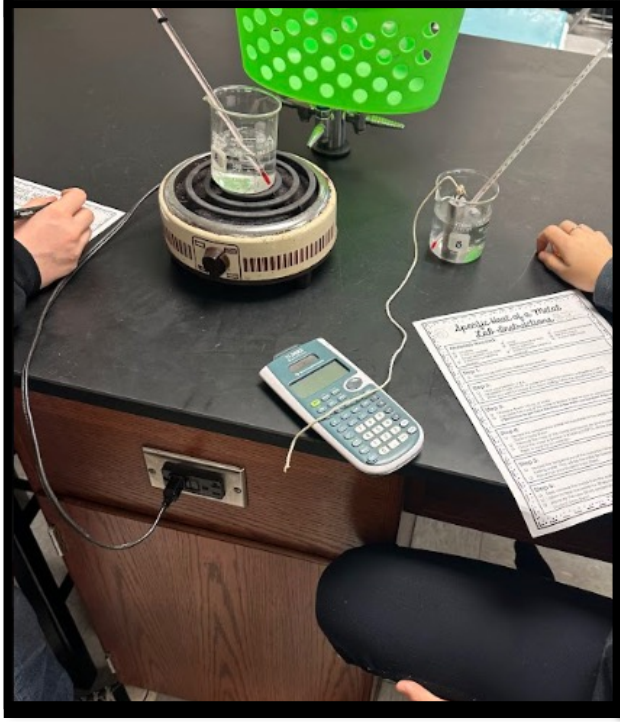


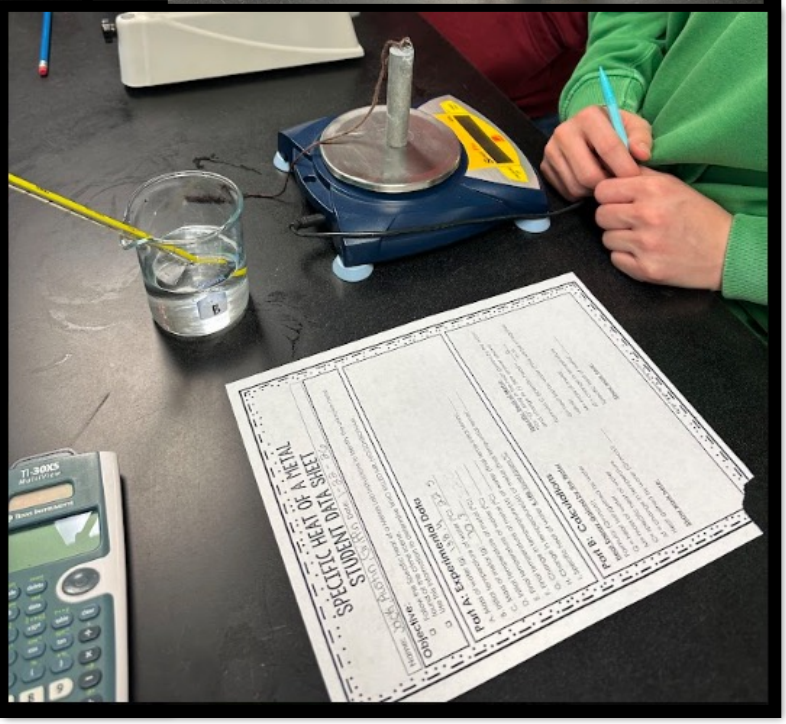
Specific Heat Lab

CAN YOUR STUDENTS USE THEIR KNOWLEDGE OF SPECIFIC HEAT CAPACITY AND HEAT TRANSFER TO IDENTIFY THE UNKNOWN METAL, FOLLOW THE EVIDENCE, AND SOLVE THE CASE?

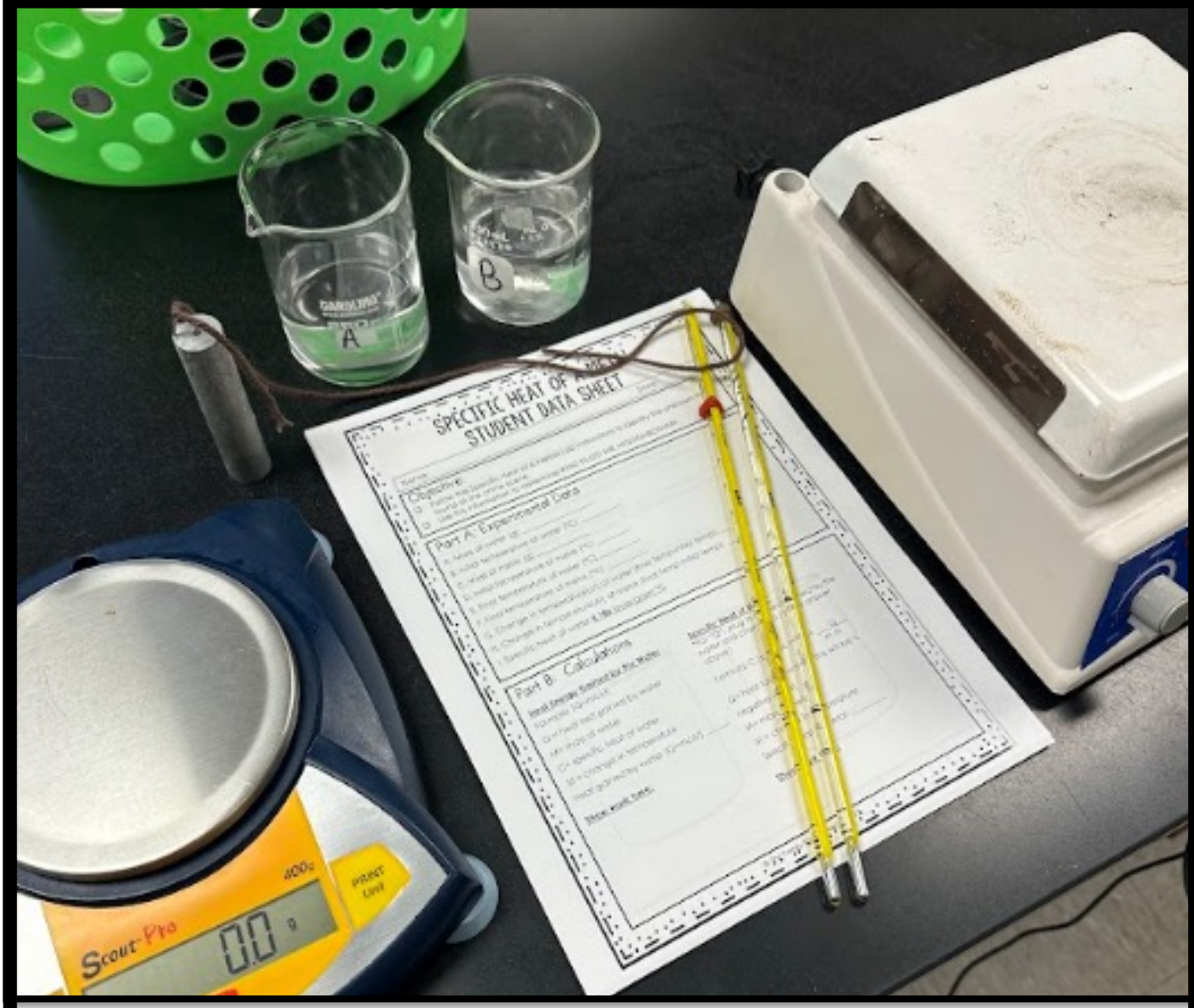






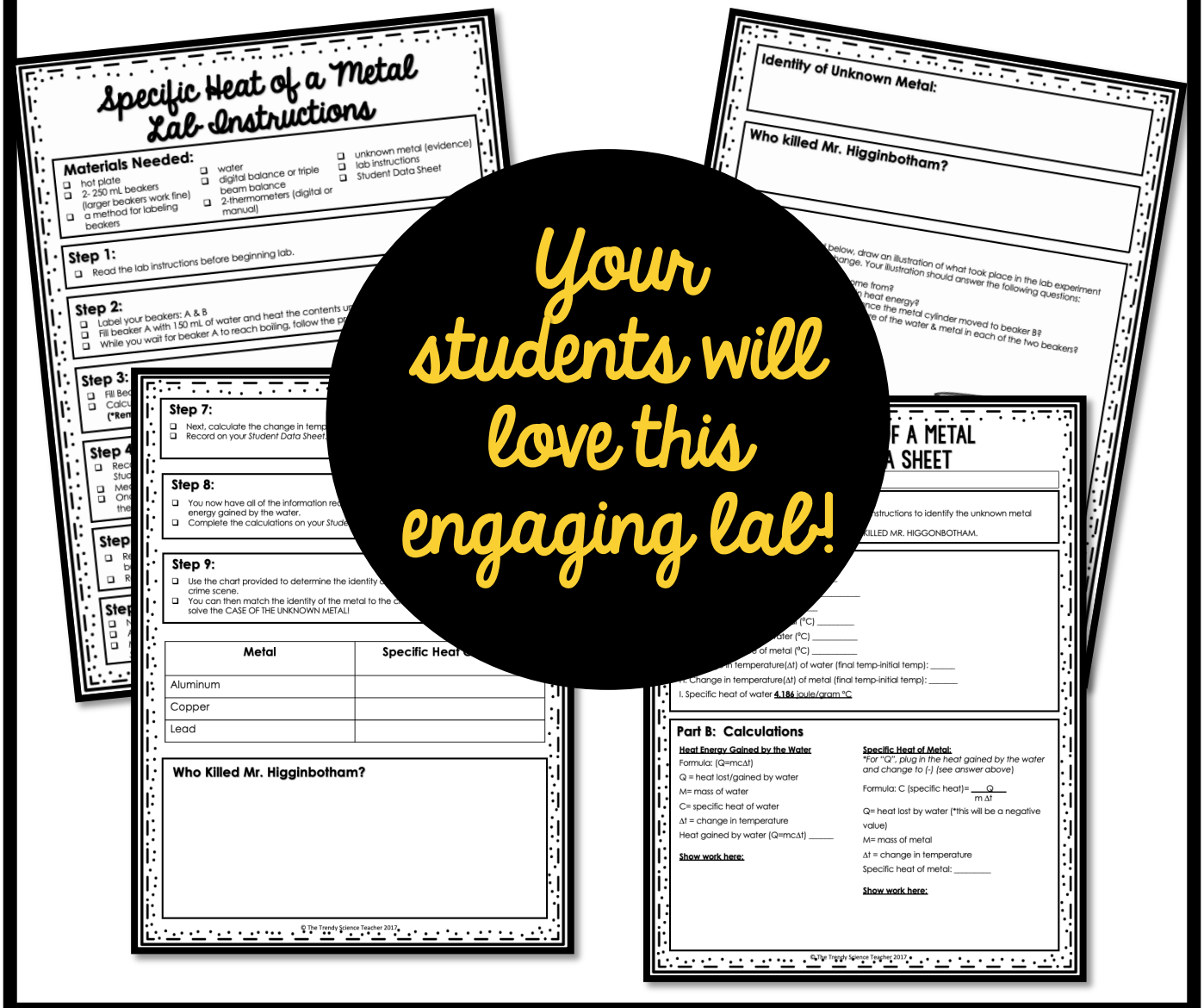


MATERIALS NEEDED:



- ❑ Hot plate
- ❑ 2- 250 mL beakers (larger beakers work fine)
- ❑ Digital balance
- ❑ 2-Thermometers (digital or manual)
- ❑ metal (I use these metal cylinders)

STUDENT LAB SHEETS



Your students will love this engaging lab!

EVERYTHING YOU NEED TO SOLVE THE CASE!