

FORENSIC CHEMISTRY: BLOOD ANALYSIS

Big Idea	Learning Objectives	SUPPLIES	Formative Assessments
Student will understand the main scientific roles, tools, analysis, and evidentiary chemistry behind forensics.	Students will explain how blood types are determined and used in forensics.	<ul style="list-style-type: none">○ Blood Packet○ Blood WS○ CSI: Gum Drops DVD○ Blood Lab Sheet<ul style="list-style-type: none">● Fake Blood Solutions● Microscope● Slides	<ul style="list-style-type: none">● <i>Guided Practice</i>● <i>Independent Practice</i>● <i>Partner/Group Activity</i>
Guiding Questions	STANDARD		Summative Assessments
Can blood types ID a suspect?	N/A		<ul style="list-style-type: none">● <i>LAB</i>
WHAT am I Learning?		WHY am I learning this?	How will I know I learned it?
Blood Type analysis	To better understand the uniqueness or not of blood types	Solve the lab and answer with 100% accuracy question sheet	
Modifications/Safety		Accommodations	
N/A		Provide answer key when necessary and extra time on task.	
TIME FRAME: 90+ min	SEQUENCE OF INSTRUCTIONAL DELIVERY		
<i>Warm-Up:</i>	<ul style="list-style-type: none">● Students will be given a blood type analysis packet to read thoroughly.		
<i>Direct Instruction:</i>	<ul style="list-style-type: none">● N/A		
<i>Guided and/or Independent Practice:</i>	<ul style="list-style-type: none">● Students will perform a group lab activity in which they will use analytical skills to determine “who dun it” in a fictitious blood driven crime scene.		
<i>Closure:</i>	<ul style="list-style-type: none">● Students will watch CSI: Gum Drops.		

TEACHER NOTES: