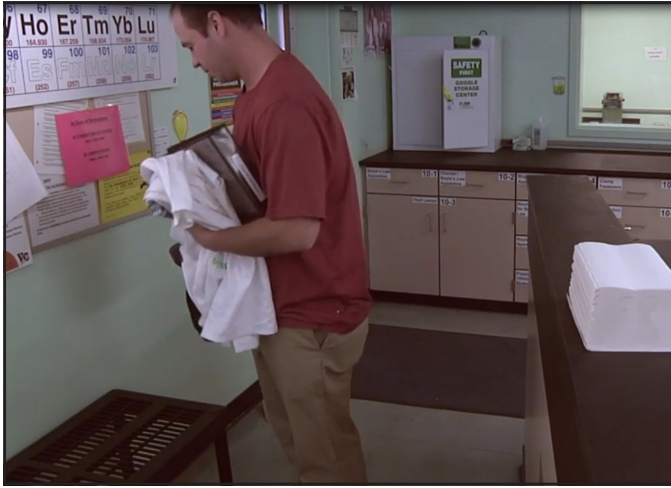
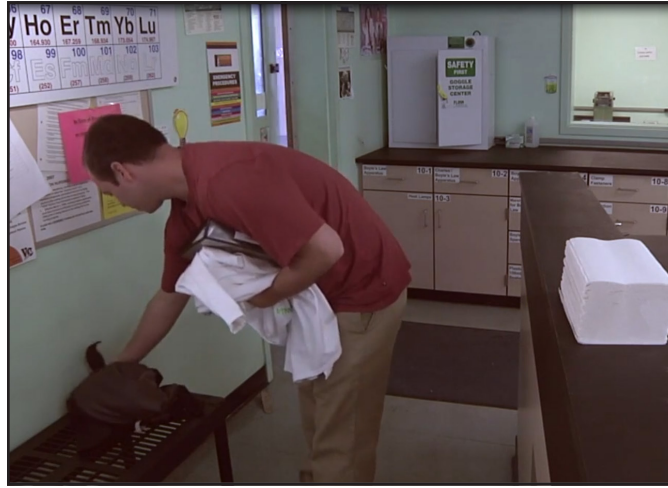


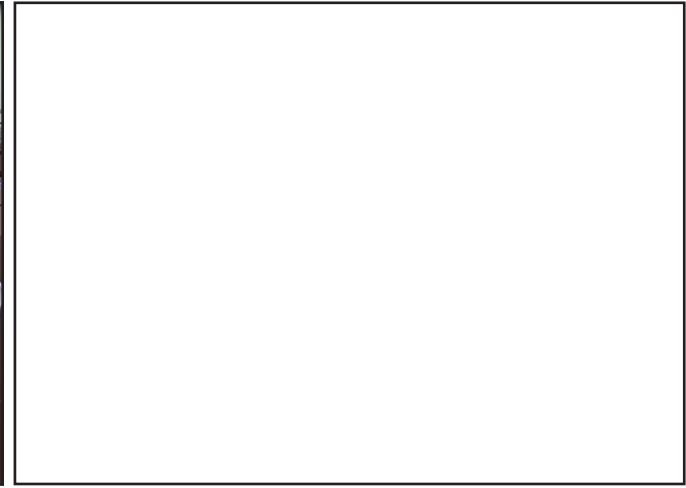
1. As You Enter



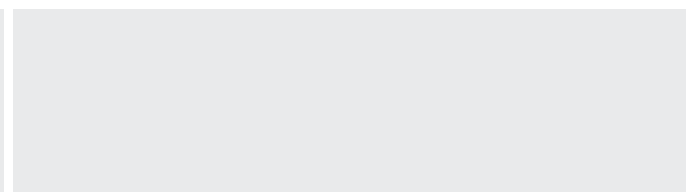
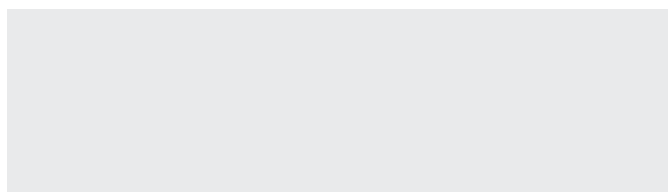
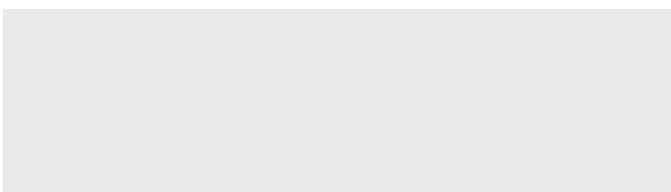
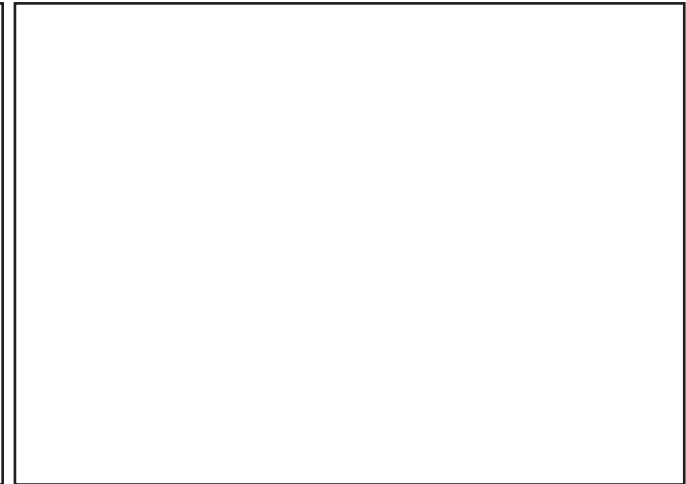
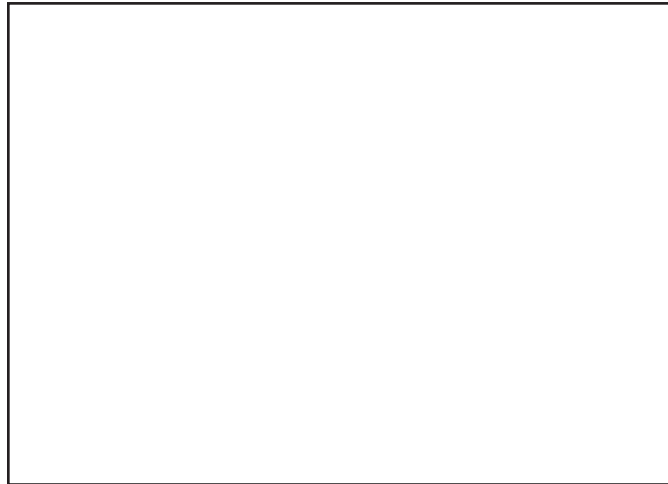
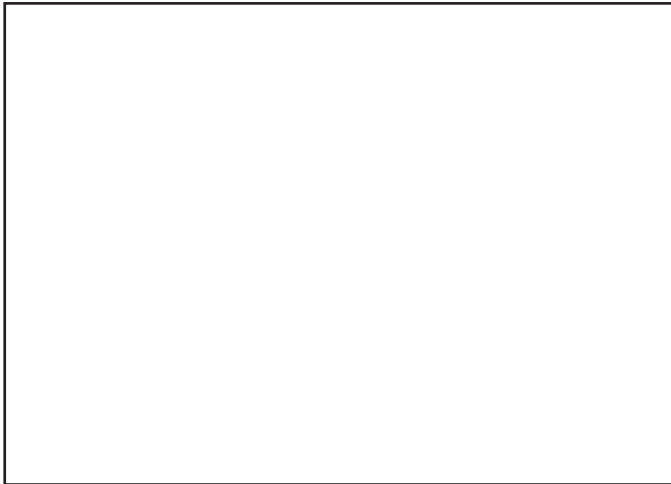
Storing Personal Items
Person coming into the lab



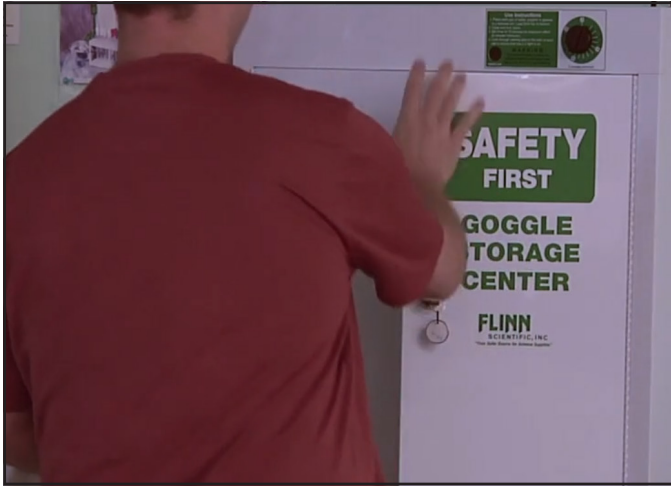
Storing Personal Items
Leaving the personal items on the bench



Storing Personal Items
Angle from the bench

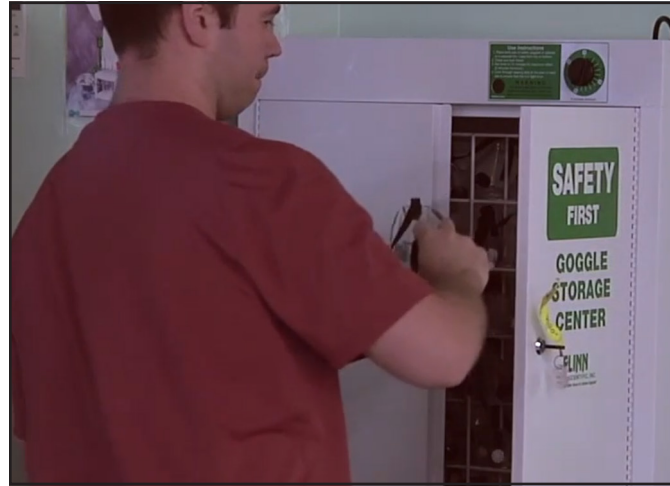


1. As You Enter



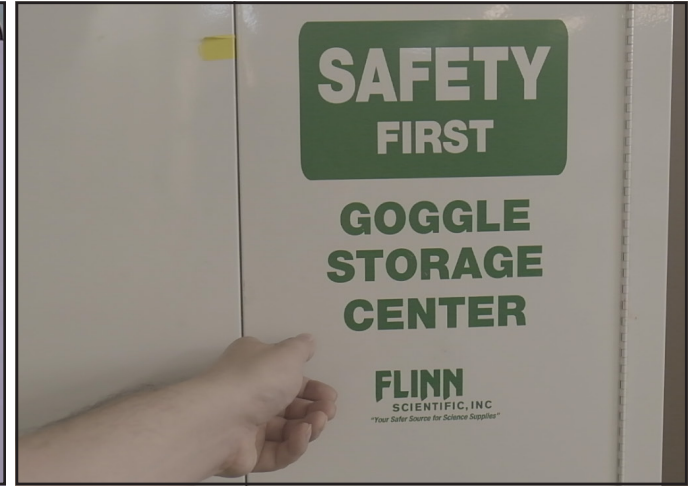
Getting Your Goggles

A person approach to the container



Getting Your Goggles

open up the container



Getting Your Goggles

Close up shot of the container



Getting Your Goggles

Open and show the goggles.



Wearing Goggles Properly

A student wears one



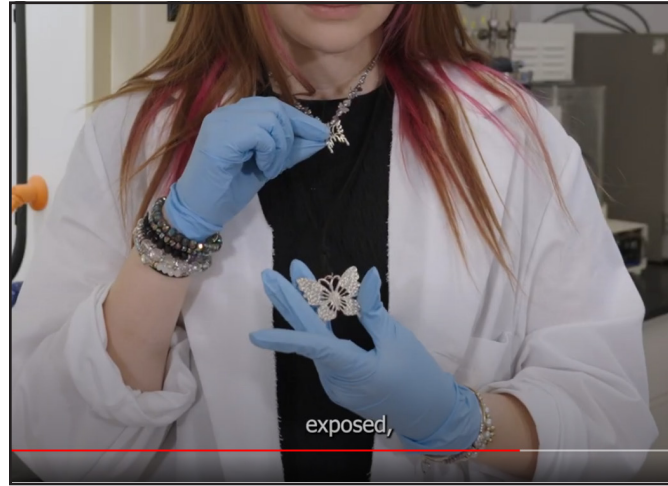
Wearing Goggles Properly

Pull the strap for better fit

1. As You Enter



Proper Lab Attire
Hair



Proper Lab Attire
Jewelries



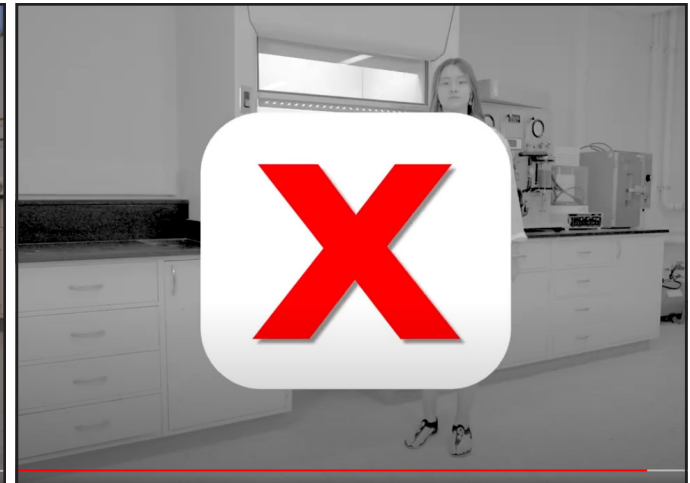
Proper Lab Attire
Sleeves up



Proper Lab Attire
Open Toed Shoes



Proper Lab Attire
Short Pants



Proper Lab Attire
full shot
post-edit with x mark

1. As You Enter



see, her



and her legs



is ready

Proper Lab Attire

upper body

- Hair
- Goggles
- Sleeve
- "optional" Lab coats and gloves

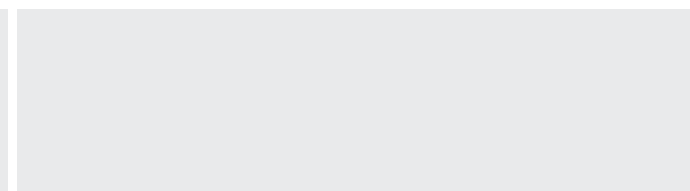
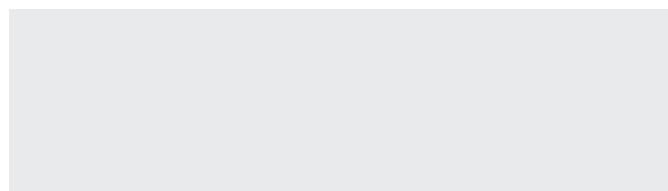
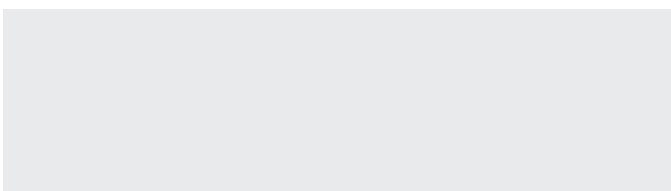
Proper Lab Attire

lower body

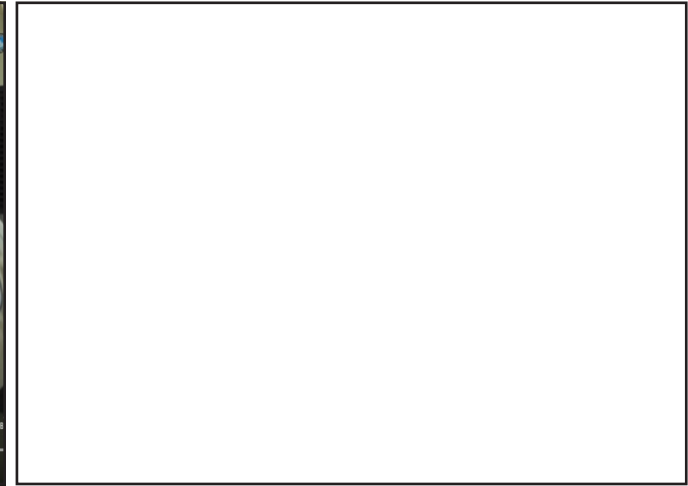
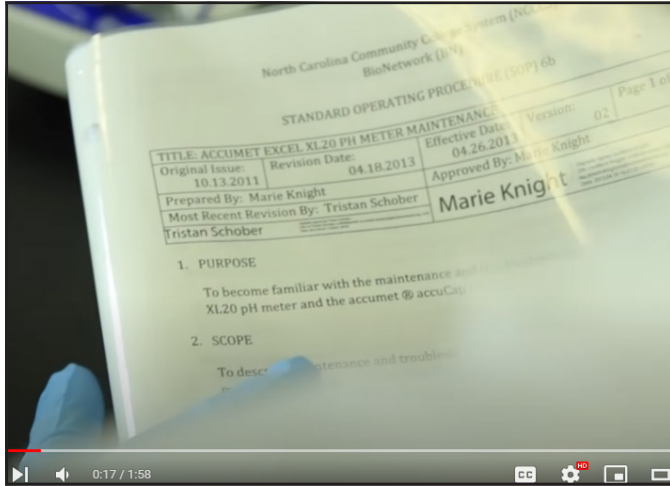
- long pants
- Closed-Toed Shoes

Proper Lab Attire

full shot



2. During The Lab - General Behavior

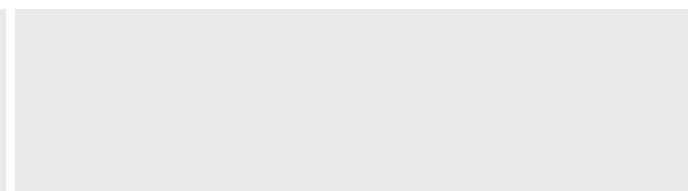
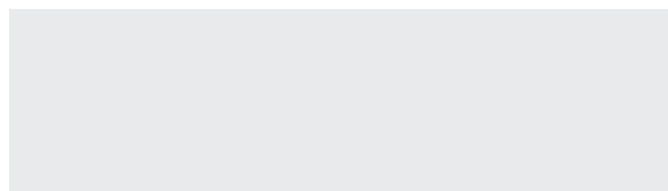
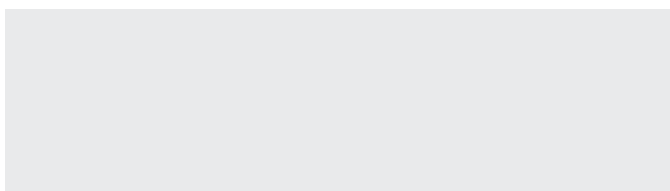
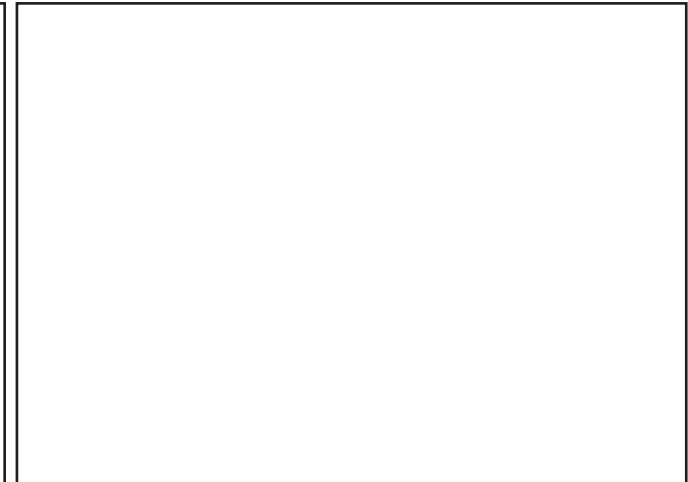
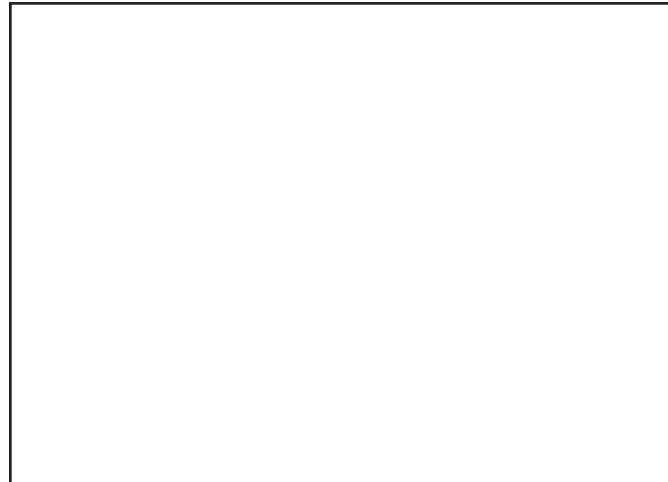
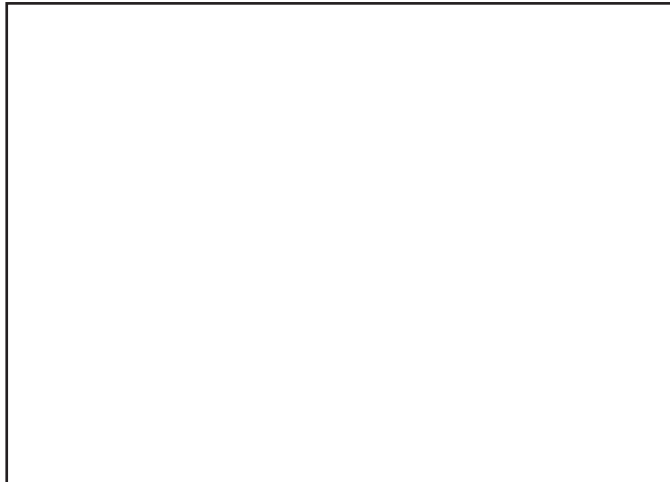


Read Manual

Close up Shot of papers

Read Manual

A shot of a person holding the papers, reading it.



2. During The Lab - General Behavior



Never eat drink or chew gum
A shot of a water bottle, student grapping it



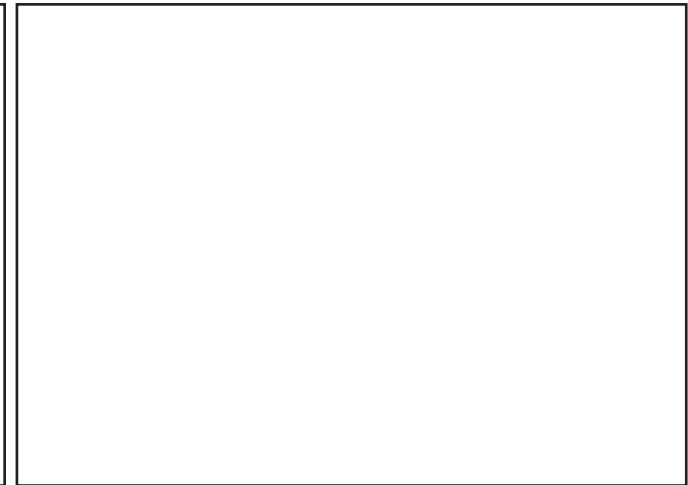
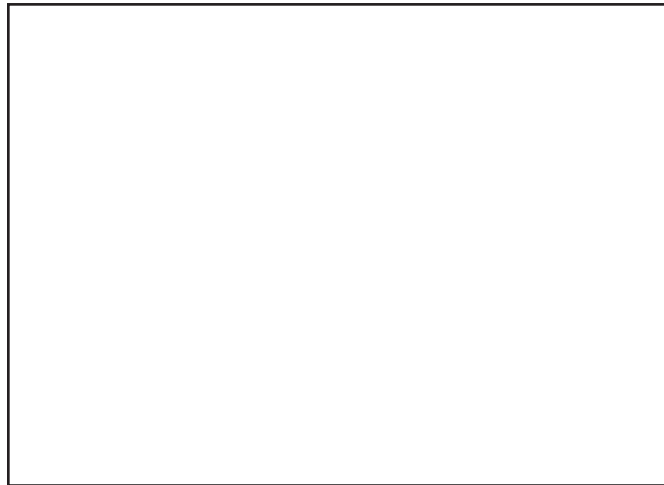
Never eat drink or chew gum
Student drinks it



Never eat drink or chew gum
A student working on something, but chewing gum during that time



Never eat drink or chew gum
A reaction happening. while waiting a student do make up



2. During The Lab - General Behavior



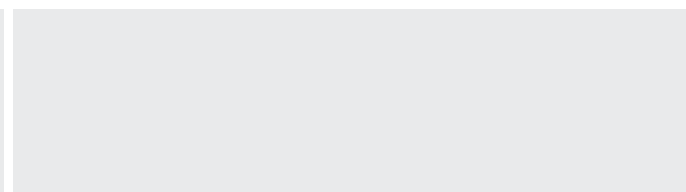
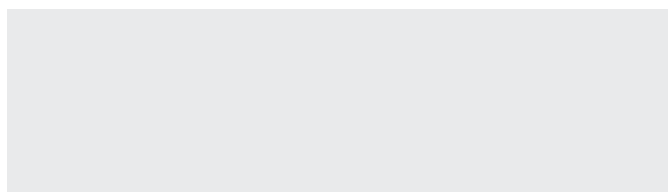
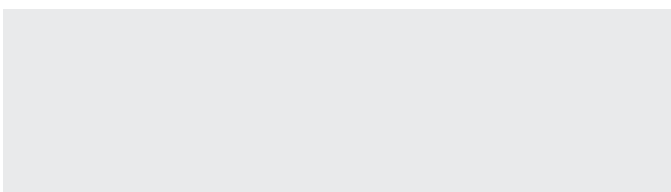
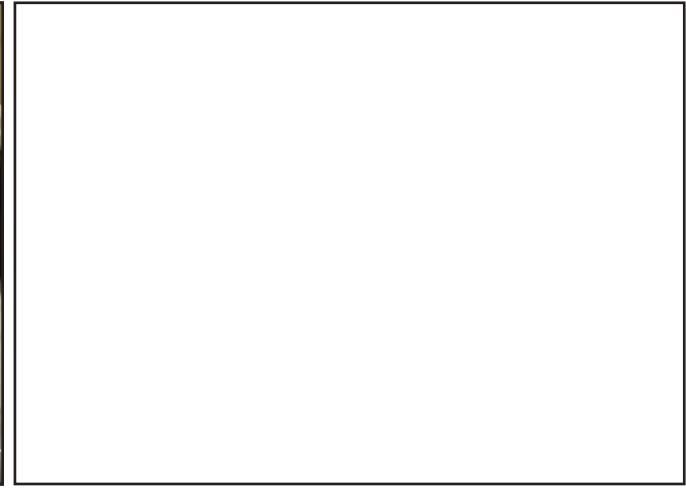
Never Work Alone

A student working
(maybe working with Bunsen Burner)

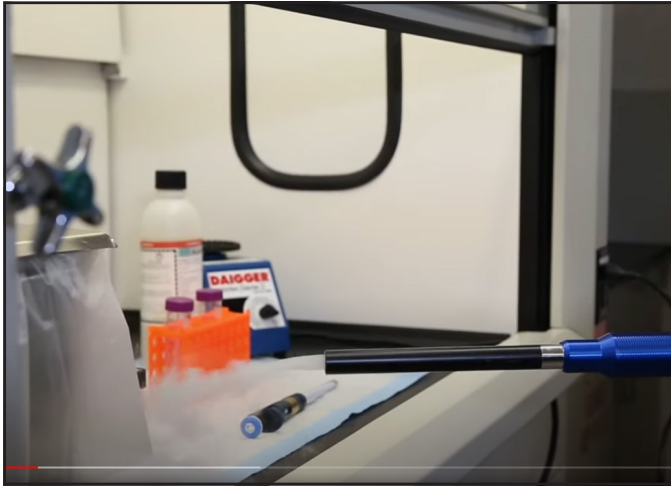


Never Work Alone

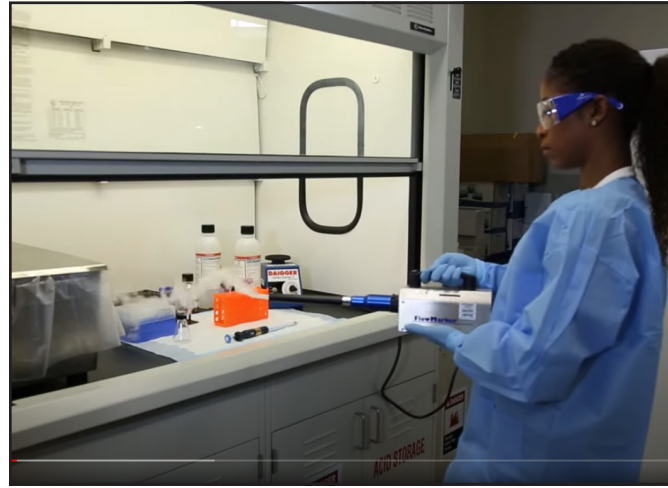
Another Student join in



2. During The Lab - Fume Hood



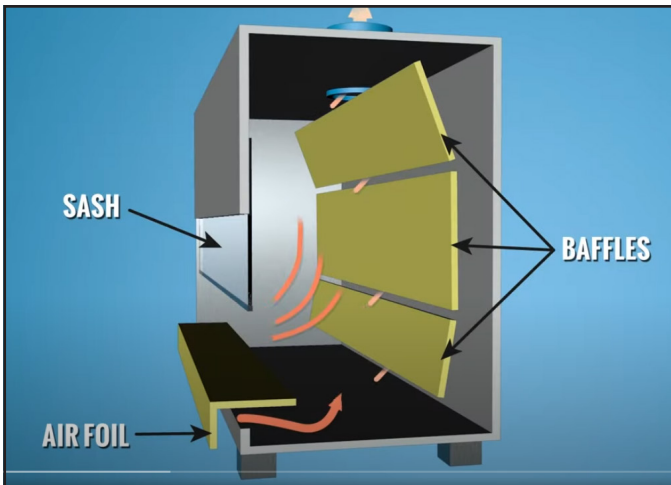
Airflow Basics
Fog Device close up



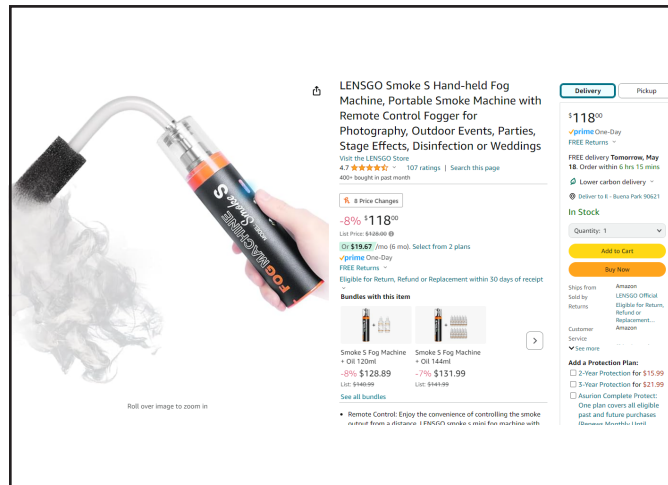
Airflow Basics
Zoom out shot. Student slowly moving the fog device to show airflow



Airflow Basics
Close-up shot of fog being sucked in



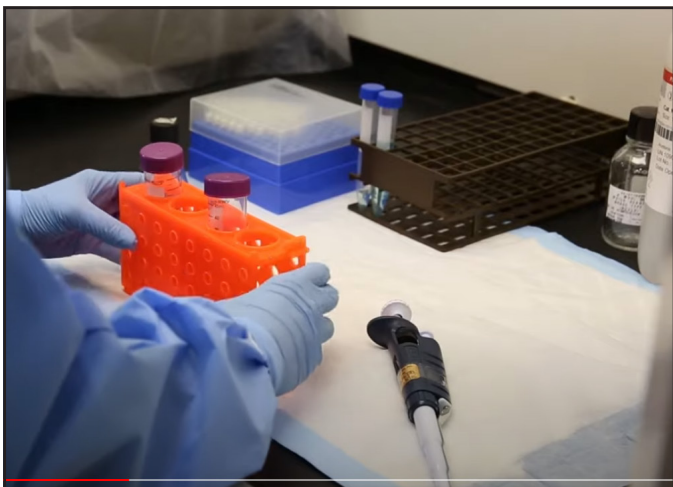
Airflow Basics
Get something like this from the official product webpage for post-edit



https://www.amazon.com/LENS-GO-Hand-held-Portable-Photography-Disinfection/dp/B0CKHG23YR/ref=sr_1_10?crd=1Q6OP7NKIKFO7&dib=eyJ2ljojMSJ9

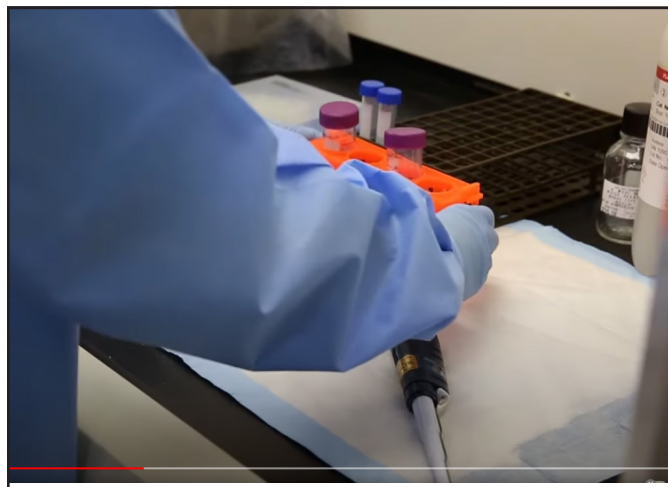


2. During The Lab - Fume Hood



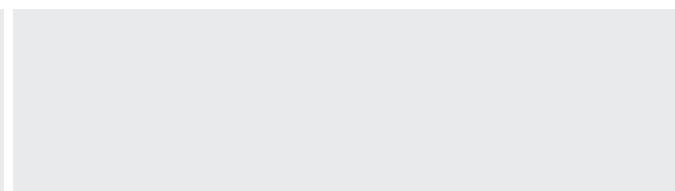
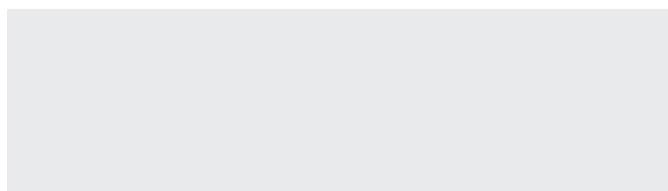
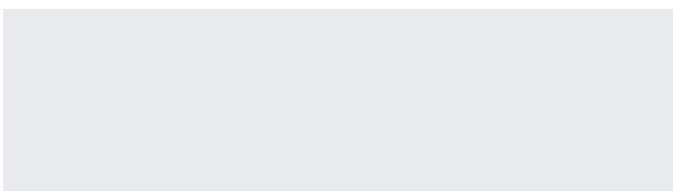
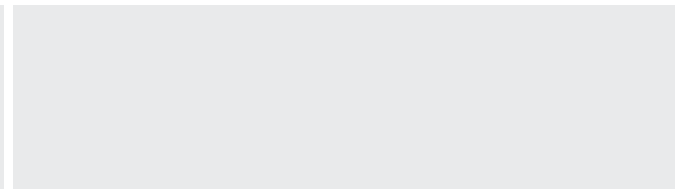
Best Practice - Chemical Placement

Close up shot of student holding the testtube rack



Best Practice - Chemical Placement

Student move it closer to the back.
- at least 6 inches from the front



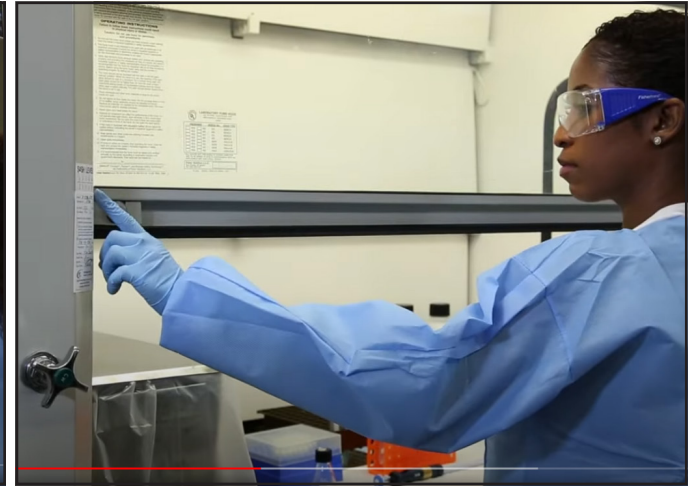
2. During The Lab - Fume Hood



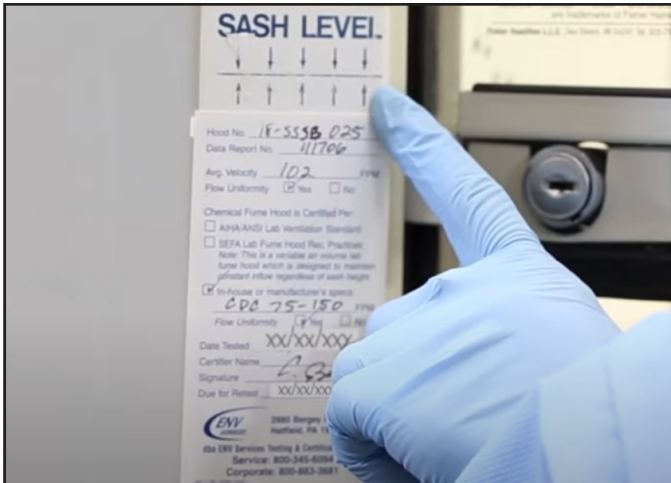
Best Practices - Sash Height
Student holds it



Best Practices - Sash Height
bring it down to the line

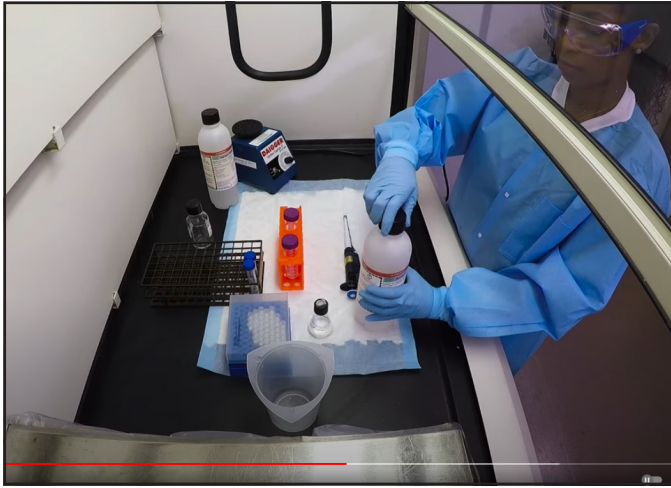


Best Practices - Sash Height
point where the line is



Best Practices - Sash Height
close up to the label

2. During The Lab - Fume Hood



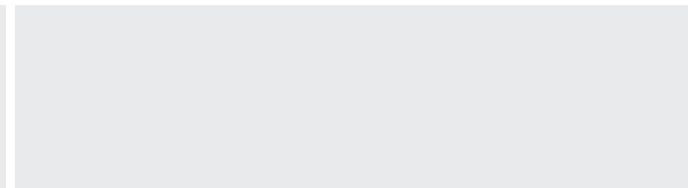
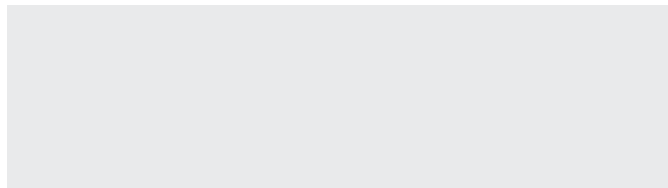
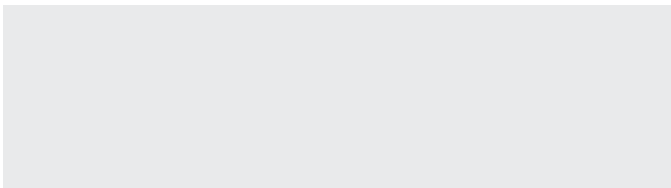
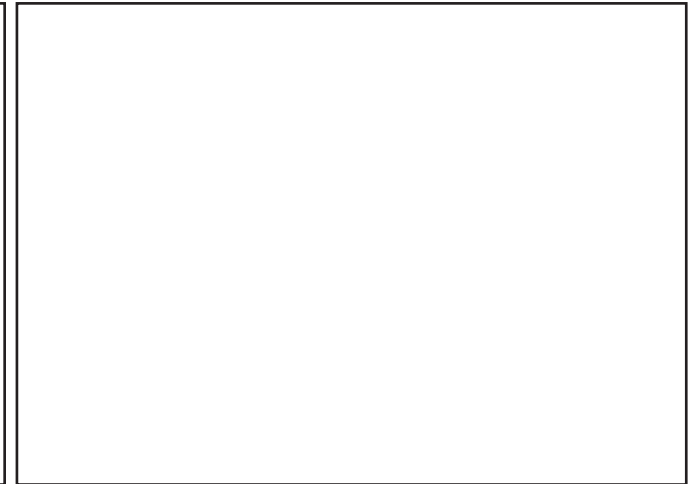
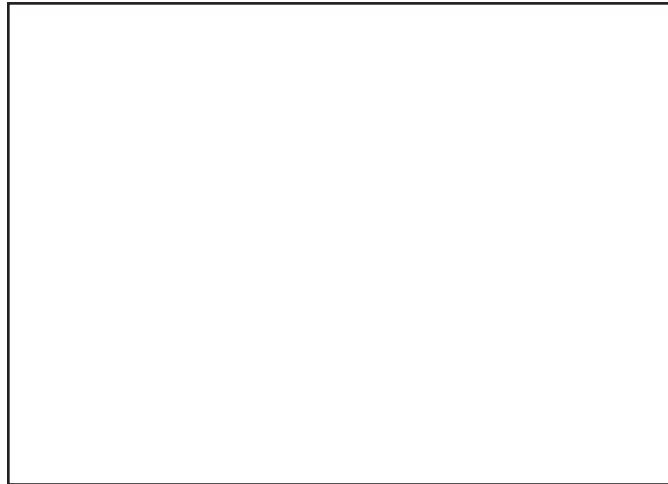
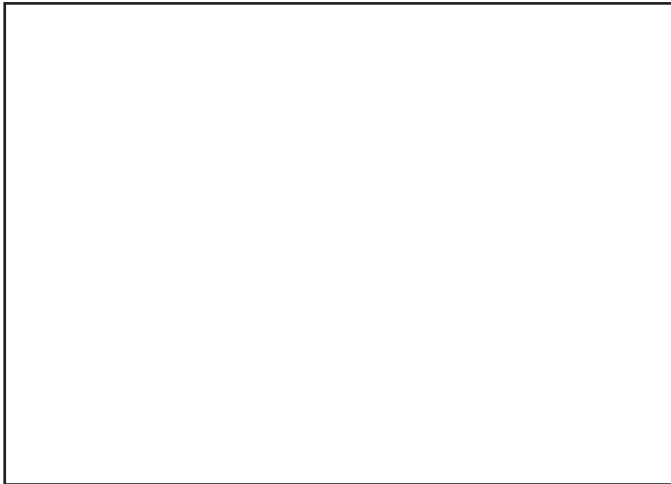
Best Practices - Sash Height
camera from inside, show that the sash is in front of the student's face



Best Practices - Sash Height
angle from outside



Best Practices - Sash Height
show that they cannot put the head inside the hood



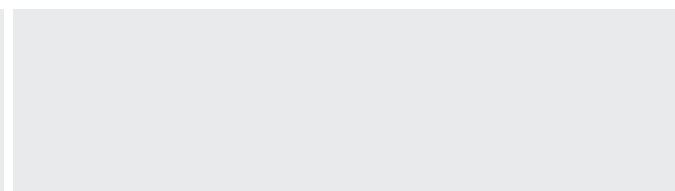
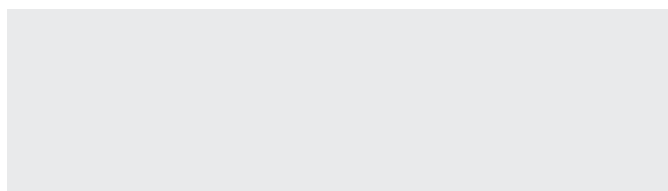
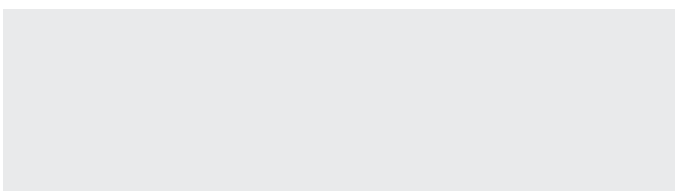
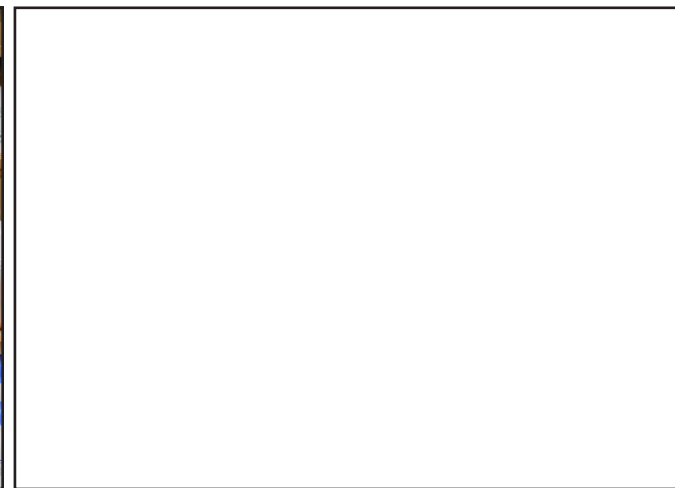
2. During The Lab - Handling Chemicals



Carefully Read the Label on Reagent Bottles
panning shot - zoom in



Carefully Read the Label on Reagent Bottles
panning shot - zoom out
(or different place of the lab)

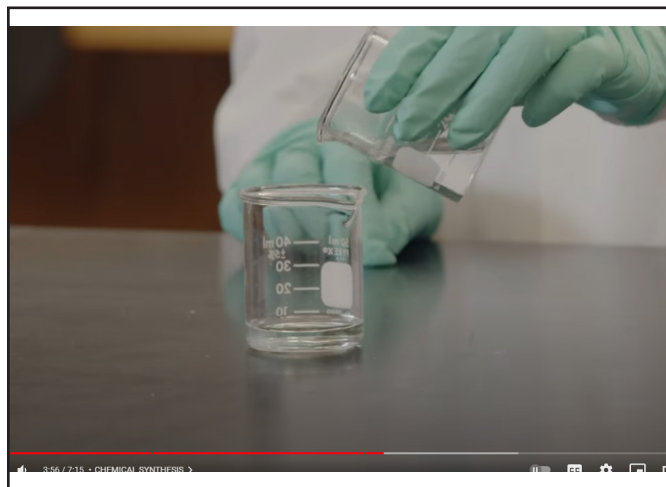


2. During The Lab - Handling Chemicals



Never return unused reagents to the bottle

Student pour from the stock bottle to the beaker



Never return unused reagents to the bottle

close-up shot of the chemical being poured



Never return unused reagents to the bottle

Student try to pour back the solution from the beaker to the bottle - greyed out and "X" Mark post edit



Never return unused reagents to the bottle

Student put pour powder to the digital balance



Never return unused reagents to the bottle

Student try to put some back
- it is ok as long as it is a clean spatula/container



2. During The Lab - Handling Chemicals



Do not put droppers or pipettes into reagent bottles

Student trying to insert the pipette into the bottle
- grey out nono mark post edit



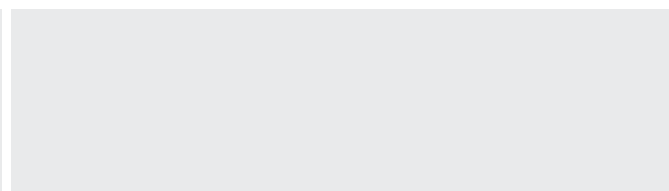
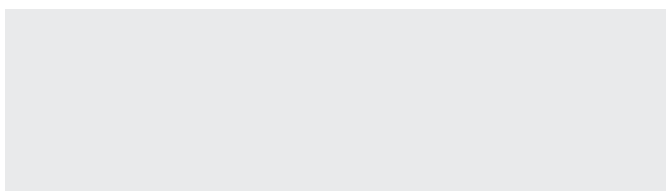
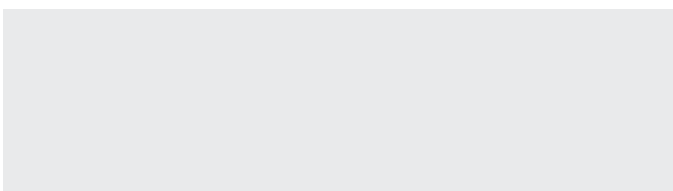
Do not put droppers or pipettes into reagent bottles

Student pour solution from the bottle to a beaker



Do not put droppers or pipettes into reagent bottles

Pipette out of beakerm, not bottle



2. During The Lab - Handling Chemicals



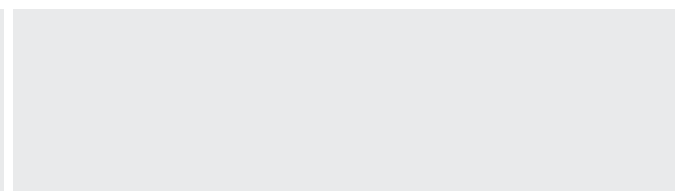
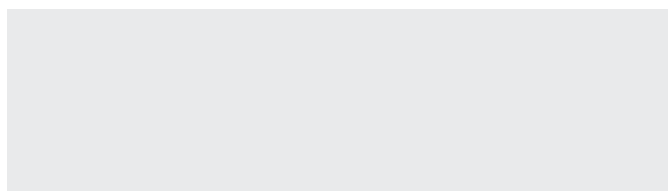
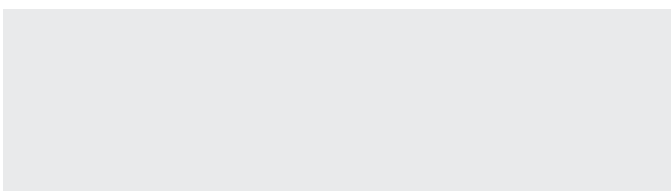
Keep the workspace organized
(Starts messy)
Moving backpacks



Keep the workspace organized
Moving chemical bottles and beakers



Keep the workspace organized
Moving cell phones and laptops



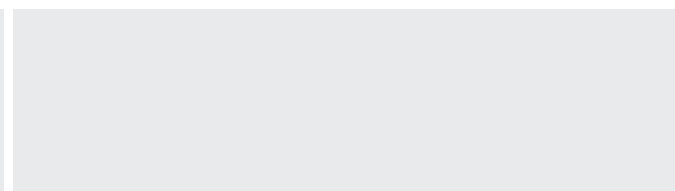
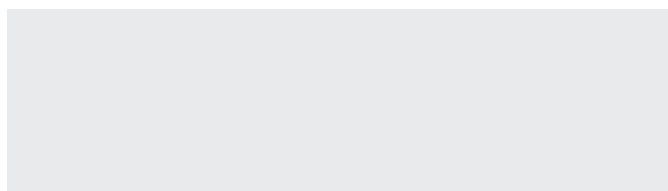
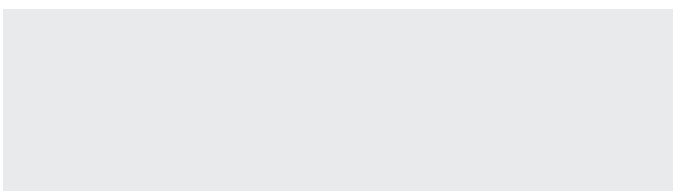
2. During The Lab - Handling Chemicals



Replace Caps and lids Properly
Student pour chemical and close the cap



Replace Caps and lids Properly
Close up shot



2. During The Lab - Handling Chemicals



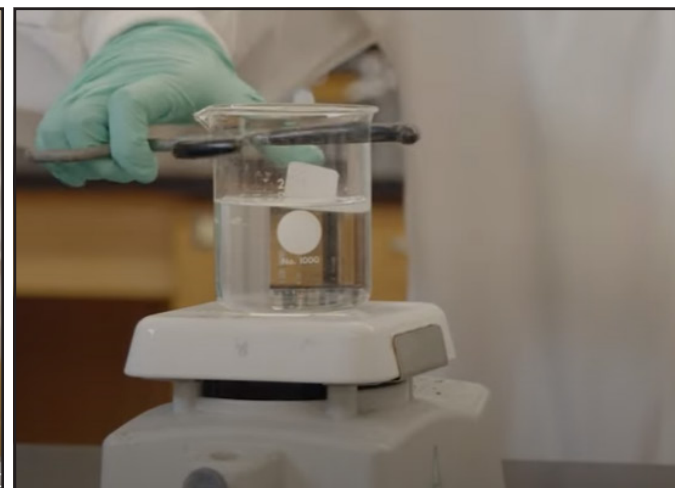
Using The Right Tools

Shows beaker tong and crucible tong



Using The Right Tools

try to grap the beaker with beaker tong



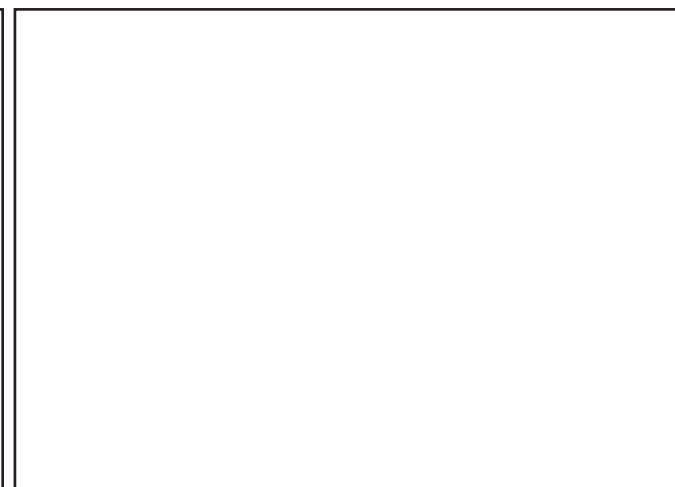
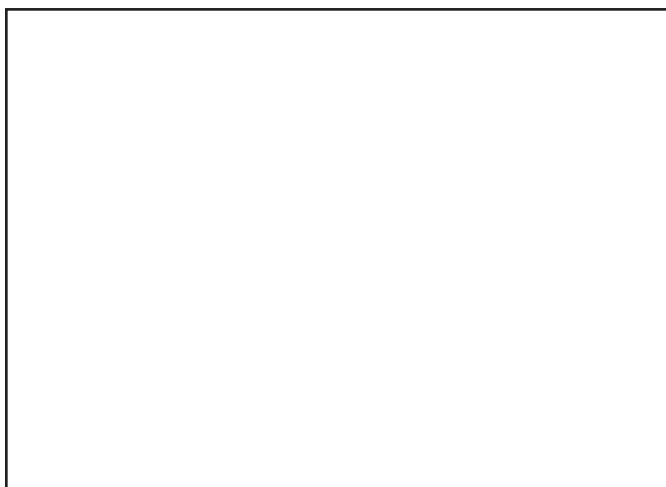
Using The Right Tools

close-up shot



Using The Right Tools

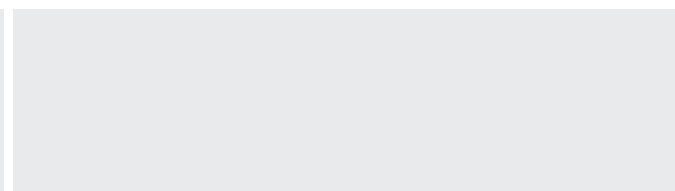
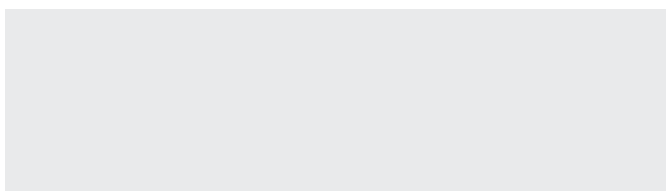
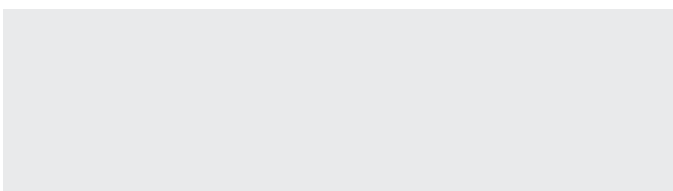
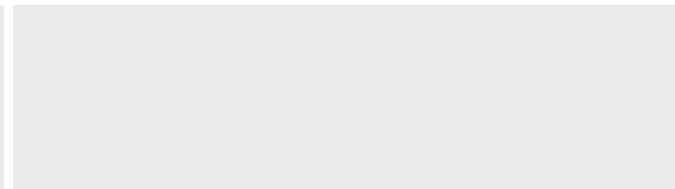
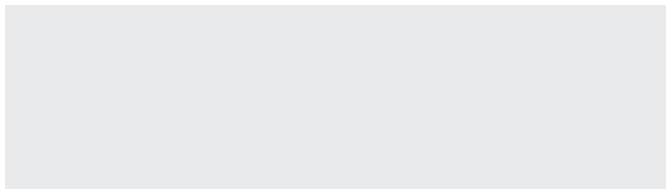
using gloves



2. During The Lab - Handling Chemicals



Proper Smelling Technique
Student does the panning thing



3. As You Finish Up



Wash Your Glassware
Student rinsing the glassware



Return All Equipments
Returning chemicals



Return All Equipments
Returning equipments



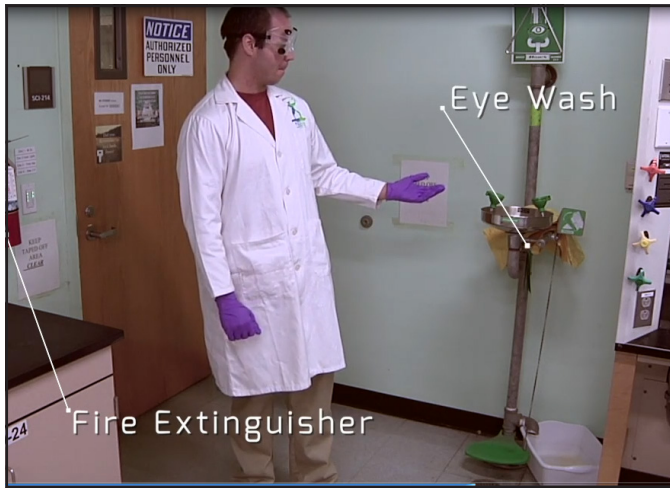
Clean and dry your work area
wiping the surface



Clean and dry your work area
Close up



4. In Case of Emergency



How to use the eye wash station

Location of the eyewash



How to use the eye wash station

A student guided by another student to the eye wash



How to use the eye wash station

push down the lever shot



How to use the eye wash station

Student leans toward water



How to use the eye wash station

washing eyes full shot



How to use the eye wash station

close-up shot

4. In Case of Emergency



How to use the safety shower.

Accident happening shot (maybe not?)
(maybe include because some people think this is only when someone is on fire)



How to use the safety shower.

Another student guiding them to safety shower



How to use the safety shower.

Another student pulling the lever
a bit closer shot to the lever



How to use the safety shower.

Taking off cloth while washing, full shot

4. In Case of Emergency



How to use the fire blanket

Location of fire blanket



How to use the fire blanket

Open and pull the blanket



How to use the fire blanket

Don't cover while standing - burns better



How to use the fire blanket

Lay the person down and roll.

4. In Case of Emergency



How to clean up broken glassware
Close up of accidental beaker drop



How to clean up broken glassware
Beaker breaking close up



How to clean up broken glassware
Using broom and stuff



How to clean up broken glassware
close up shot

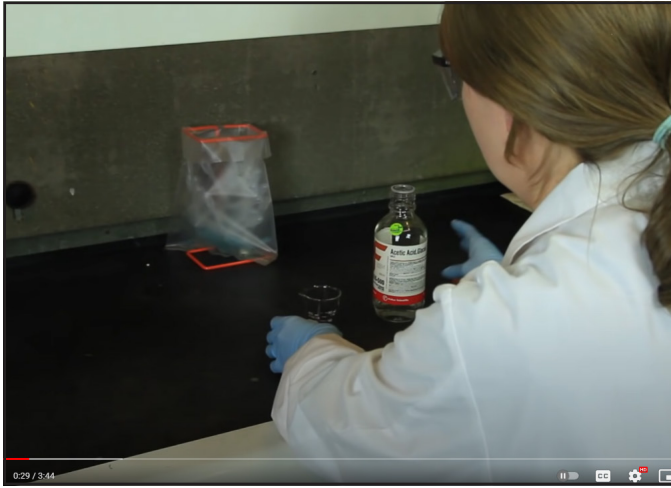


How to clean up broken glassware
Bring it to the broken glass container



How to clean up broken glassware
close up shot

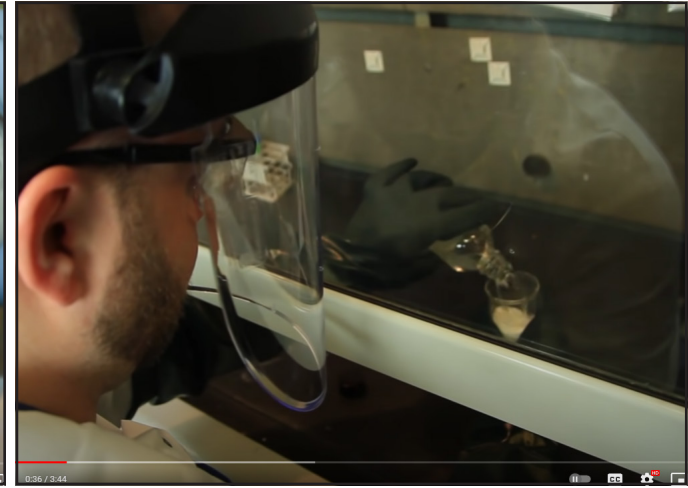
4. In Case of Emergency



How to neutralize an acid/base
Starting with water, pouring acid



How to neutralize an acid/base
close up shot of pouring acid, label from the bottle showing

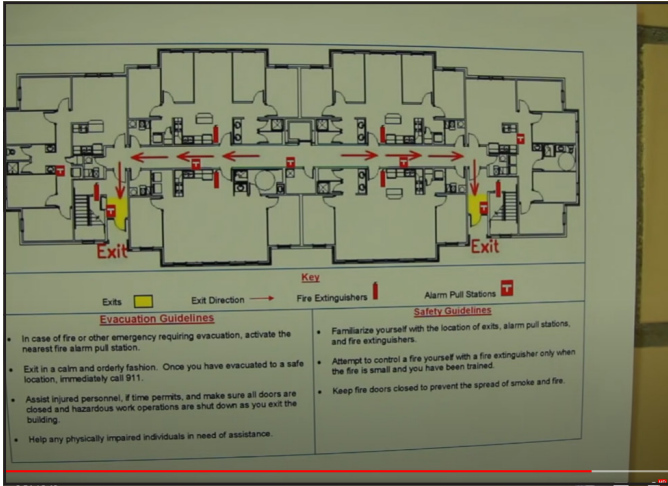


How to neutralize an acid/base
What not to do shot. Full shot



How to neutralize an acid/base
Pouring quickly to make it foam up.

4. In Case of Emergency



How to evacuate during an emergency

Location of the lab. and close up shot of the map



How to evacuate during an emergency

Accident happens



How to evacuate during an emergency

Notify the instructor



How to evacuate during an emergency

Instructor says "get out!"



How to evacuate during an emergency

Full Shot of people leaving



4. In Case of Emergency



What to do in case of a burn

chemical burn from solid - use spatula or even a card to remove powder



What to do in case of a burn

Chemical burn from liquid - running water



What to do in case of a burn

Apply gauze



What to do in case of a burn

Apply gauze - closeup

4. In Case of Emergency



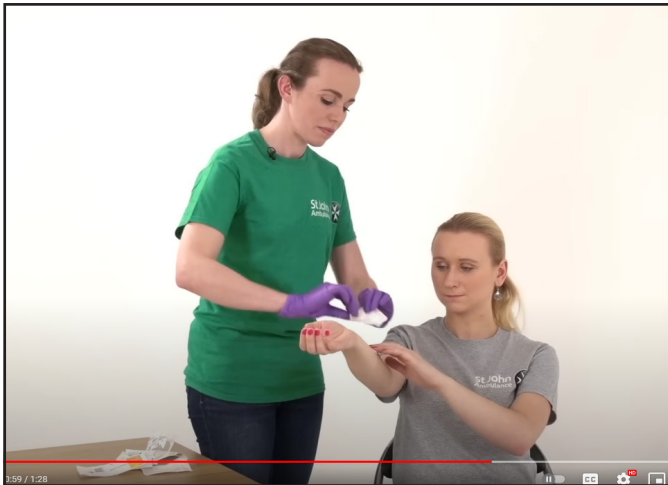
How to treat cuts and Grazes
Clean the wound



How to treat cuts and Grazes
Apply Pressure



How to treat cuts and Grazes
Raise the Injury



How to treat cuts and Grazes
Apply Sterile Dressing



How to treat cuts and Grazes
Apply Sterile Dressing - Close up



How to treat cuts and Grazes
Apply Sterile Dressing - Close up

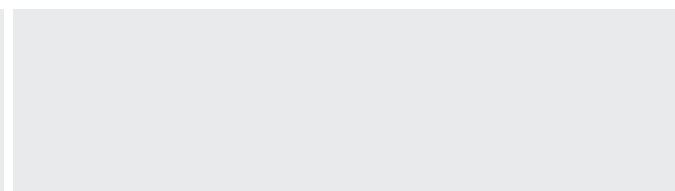
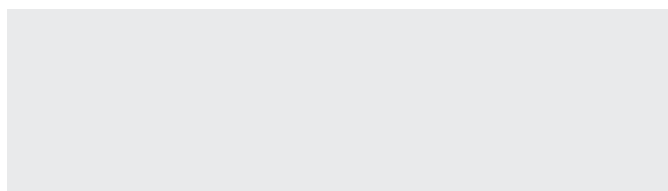
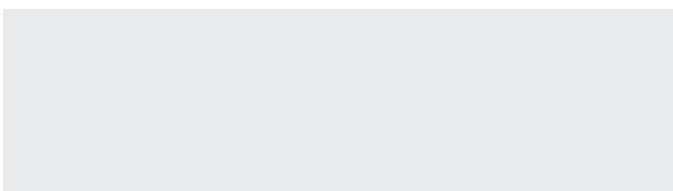
2. During The Lab - Handling Chemicals



Replace Caps and lids Properly
Student pour chemical and close the cap



Replace Caps and lids Properly
Close up shot



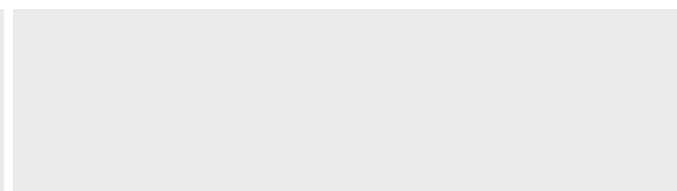
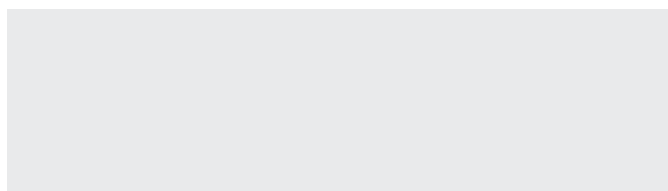
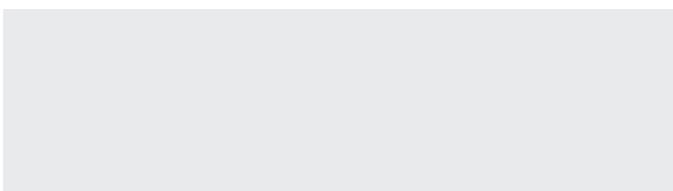
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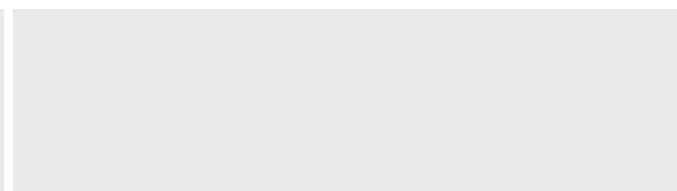
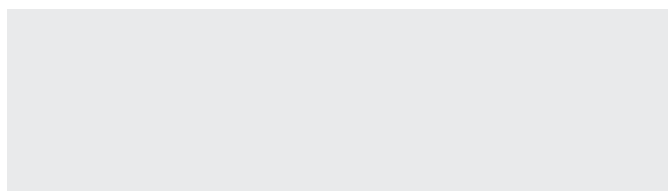
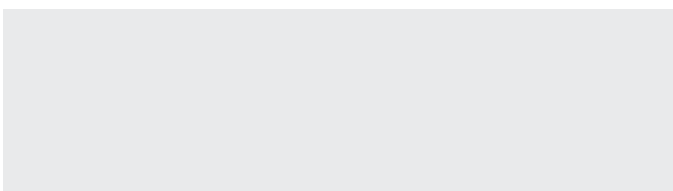
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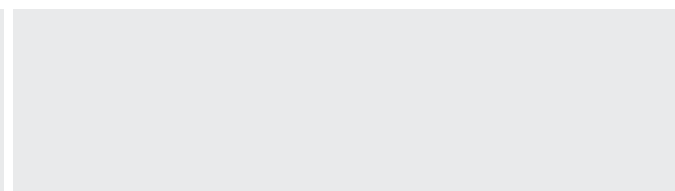
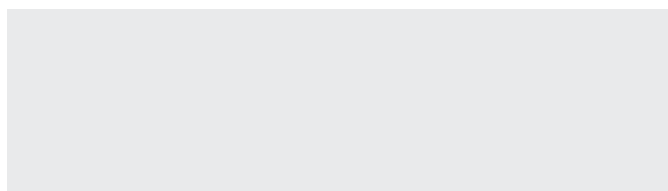
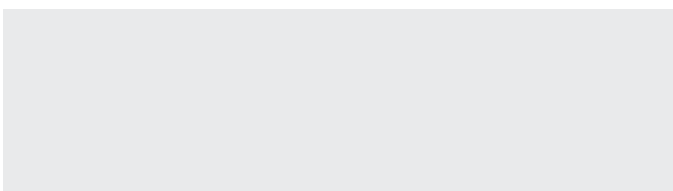
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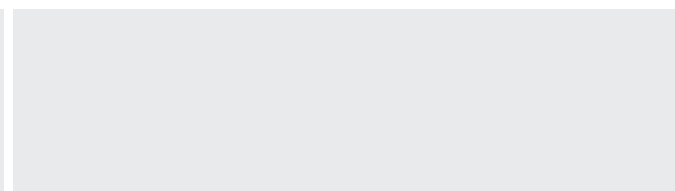
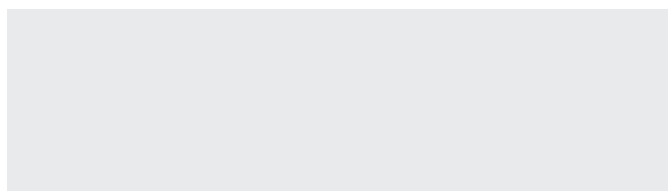
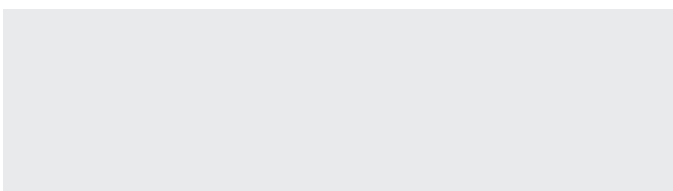
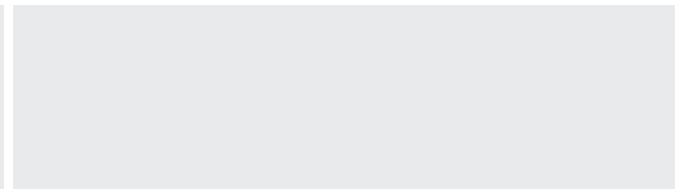
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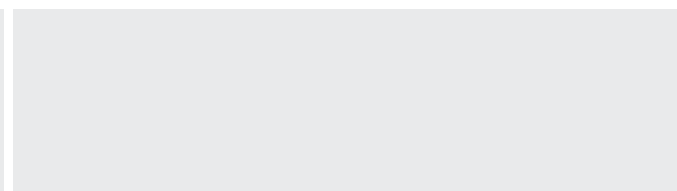
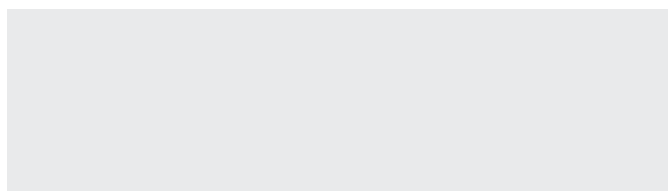
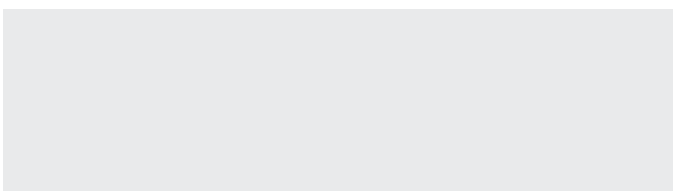
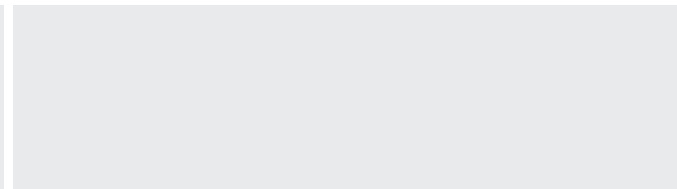
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