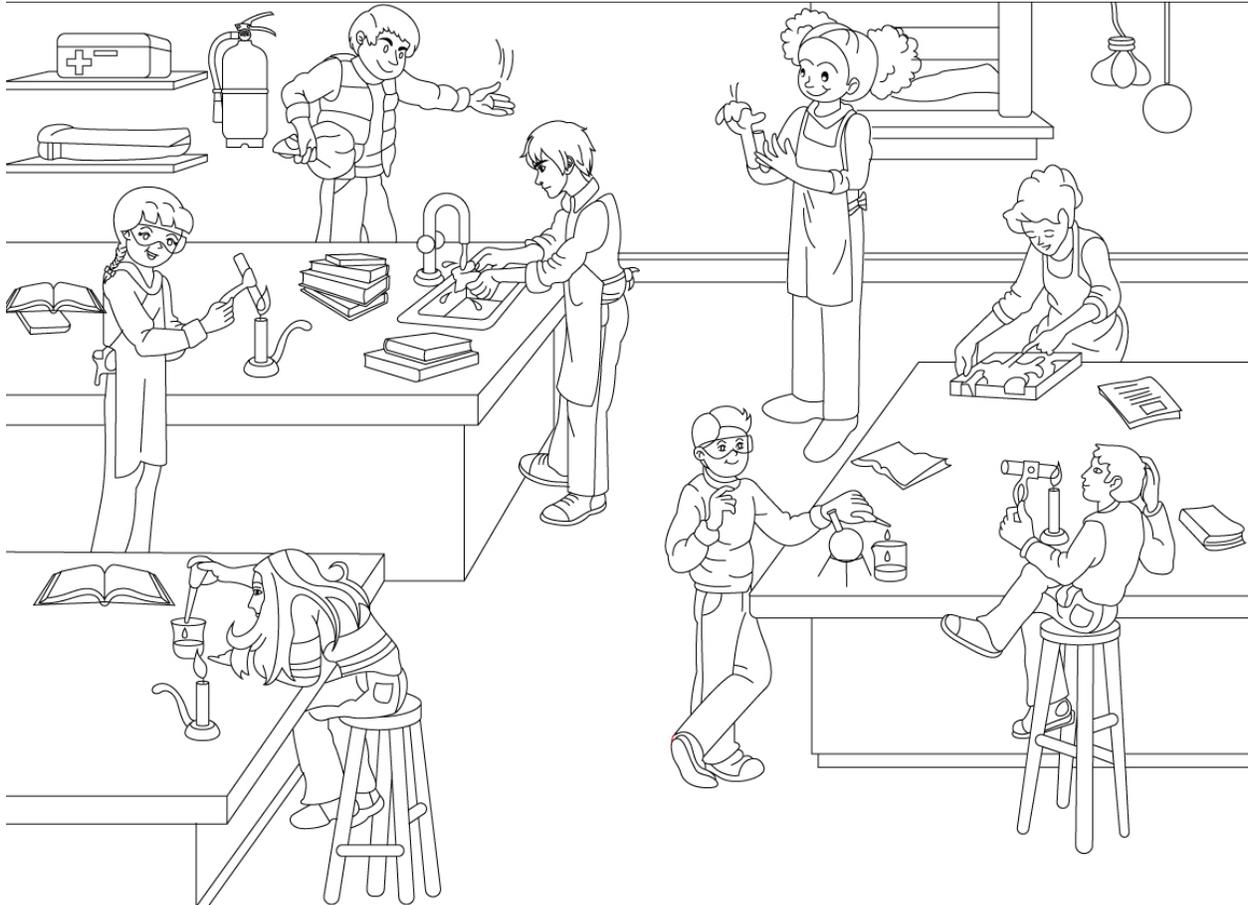


Lab Safety Assignment – Student Edition

I. Looking for danger

1. Identify (circle them in red) the unsafe behaviors in the lab scene below.



2. Pick two unsafe behaviors and describe the behavior, why it's unsafe and how it could be improved.

a) Behavior 1:

What is the person doing? _____

Why is it dangerous? _____

How can they improve? _____

b) Behavior 2:

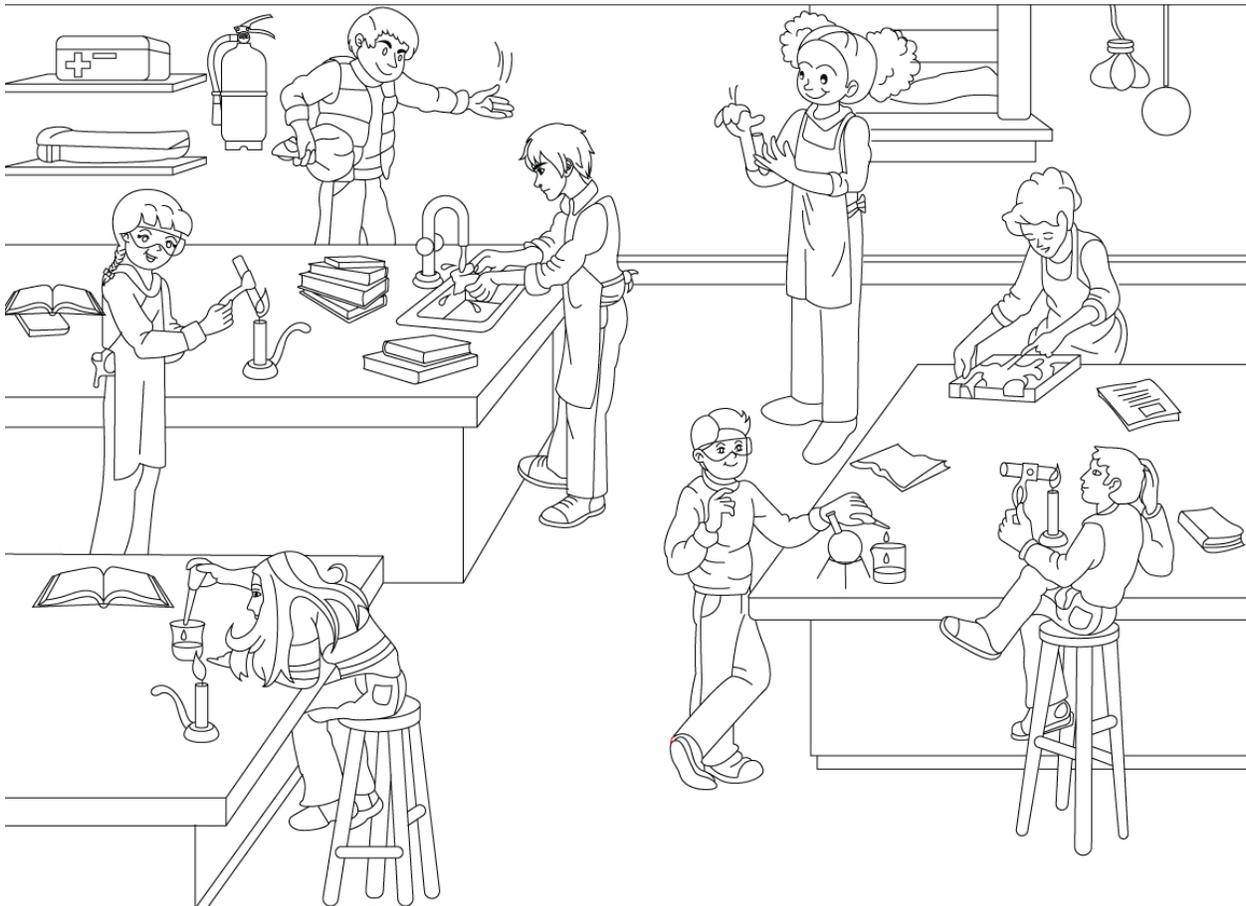
Lab Safety Assignment – Student Edition

What is the person doing?: _____

Why is it dangerous? _____

How can they improve? _____

3. The same scene is shown again below. Identify (circle them in green) the safe lab practices occurring in this lab scene.



Lab Safety Assignment – Student Edition

4. Pick two safe behaviors or practices from the image and describe the behavior, and what benefit it has.

a) *Behavior 1:*

What is happening? _____

Benefit of the behavior/practice?

b) *Behavior 2:*

What is happening? _____

Benefit of the behavior/practice?

II. Lab Symbols

What do each of the following symbols mean?



1.

1. _____



2.

2. _____



3.

3. _____



4.

4. _____



5.

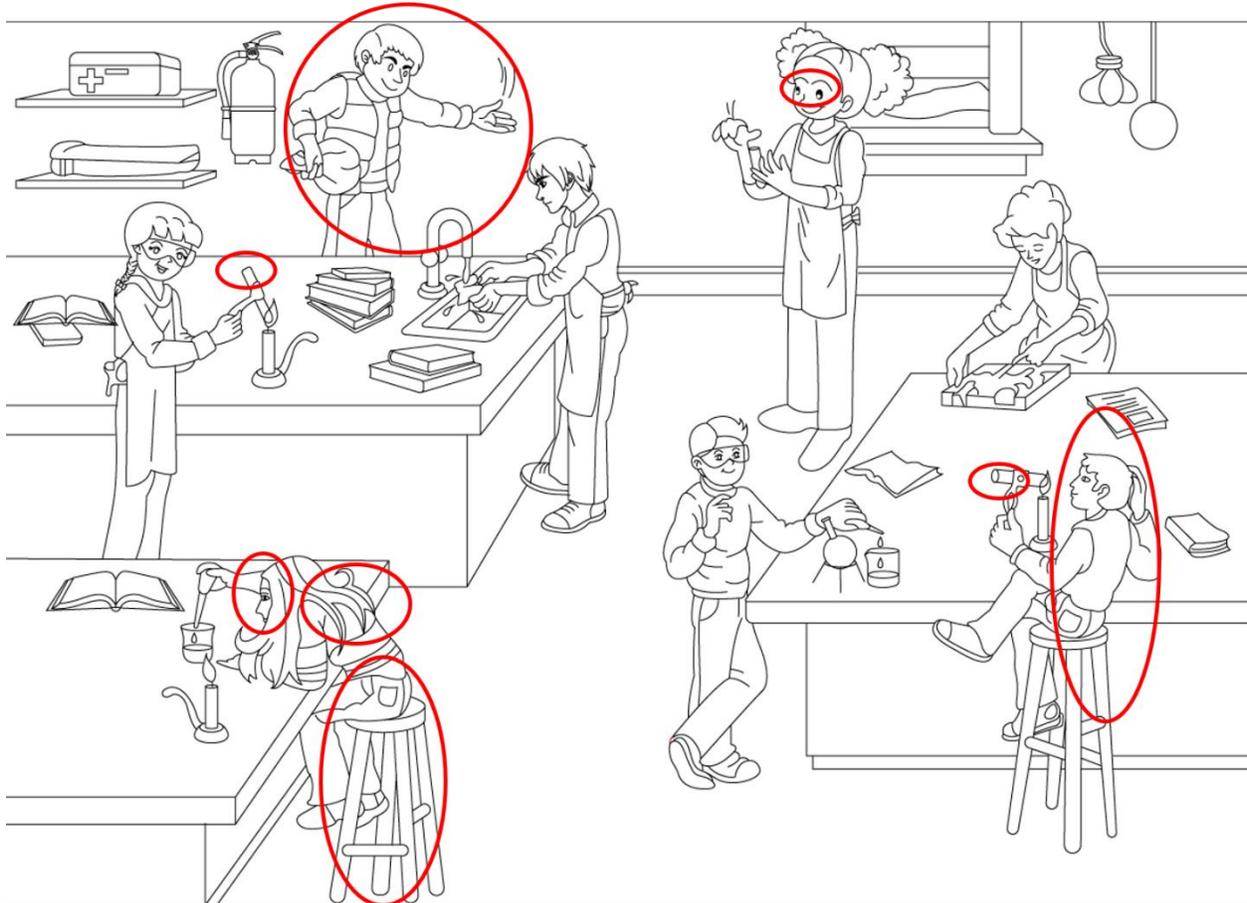
5. _____

Lab Safety Assignment – Student Edition

ANSWERS

I. Looking for danger

1. Identify (circle them in red) the unsafe behaviors in the lab scene below.



2. Pick two unsafe behaviors and describe the behavior, why it's unsafe and how it could be improved.

a) *Behavior 1:*

What is the person doing? **Boy (rear left of picture) off task/not participating in the lab activity.**

Why is it dangerous? **Off task behavior distracts other students preventing them from focusing on their lab/ following instructions.**

How can they improve? **He should participate in the lab.**

b) *Behavior 2:*

What is the person doing?: **Girl (front left of picture) with no PPE**

Why is it dangerous? **She is using chemicals and a Bunsen which could splash chemicals into her face/her hair could catch fire.**

Lab Safety Assignment – Student Edition

b) *Behavior 2:*

What is happening? Safety/emergency equipment e.g., first aid kit, fire extinguisher and blanket in a visible/prominent position.

Benefit of the behavior/practice? Everyone knows where they are/ can be seen in an emergency/no time wasted trying to locate equipment in an emergency.

II. Lab Symbols

What do each of the following symbols mean?



1.

1. Toxic



2.

2. Irritant



3.

3. Glassware hazard/ broken glass



4.

4. Flammable material



5.

5. Corrosive