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**Laboratory Safety Rules: SCSh2**

Students will use standard lab safety practices

Directions: Read the following story and underline/highlight all lab safety violations.

The bell rang, students sat in their seats, and they began to write down their homework. Jason eagerly asked Mr. Proctor, “What are we doing today?” Mr. Proctor impatiently said, “As always Jason it is listed on the board under AGENDA.” Jason responded, “Oh yeah, there it is, we have a Chemistry lab.” Mr. Proctor gave the class a brief overview of what they would be doing during the lab and he stressed to the class, “Please be sure to follow appropriate lab safety procedures.”

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Jason and Tyrell sprinted to a lab station, yelling, “We got this station!” Once at the station, Jason asked Tyrell if he read the lab last night for homework to which Tyrell replied, “Nope, did you?” Jason responded to Tyrell’s question by saying, “Are you serious, I never read anything for this class.” They both looked at each other and decided to just start the lab. “Jason, you go get the chemicals and I’ll light up the Bunsen burner,” said Tyrell. Even though all of their classmates went to the safety goggle cabinet prior to starting the lab, Jason and Tyrell decided not to go. Tyrell said in a smug way, “Forget the goggles; we are too cool to wear those things.”

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Jason walked up to the front lab bench where the chemicals were, removed the lids, picked up the flasks, and started to smell the different chemicals. “I am just going to bring back the ones that smell the best,” said Jason. Little did Jason know that one of the chemicals was sulfuric acid, and after taking a deep breath, he thought that his nose hairs were on fire? “Hey Jason, you didn’t even put the lid back on,” yelled Mr. Proctor. Jason ignored Mr. Proctor and somehow he made it back to his lab station without passing out. Upon making his way back to the lab station, Jason saw Tyrell trying to light the Bunsen burner. “Tyrell, Tyrell, your hair!” Jason yelled in an excited voice.

“That was a close one,” said Tyrell. “My mother has been telling me to get a haircut. I guess I really need one now that I just lost a big chunk of my hair.” The two partners then proceeded with the lab. Jason reached across the flame in order to get a beaker filled with acetic acid while Tyrell grabbed a test tube to put the chemical in. “Oops!” said Jason, “I just spilled some of the chemicals on the tabletop. I’ll just wipe it up with my shirt sleeve.” “Should you tell Mr. Proctor?” Tyrell asked. “No, it isn’t a big deal, I already wiped it up,” Jason nonchalantly said. Seconds later, Jason said, “Man, my arm is warm.” In an excited voice, Tyrell said, “Oh my God, look at your shirt, there is a hole in it. That chemical you wiped up must have eaten through your shirt. How is your arm?” Jason said, “It hurts a little, but I will be fine.” “Should we tell Mr. Proctor?” asked Tyrell. “No, I’ll be fine,” Jason said confidently.

The lab partners then poured some chemicals into a test tube to begin heating. “Jason, do you see that crack in the test tube?” questioned Tyrell. “Who cares,” Jason whispered. “As long as the test tube is not leaking, it must be fine.” The boys proceeded to heat the test tube. Jason asked, “Is anything happening?” “I don’t know, point the test tube in this direction so that I can look into the opening,” Tyrell replied. “Maybe we should just add some of the other chemicals if nothing is happening yet,”

said Jason. “Should we ask Mr. Proctor?” wondered Tyrell. “No, he is annoying,” Jason smugly said. Jason then continued, “He will first ask us if we read all of the procedures and then he will say, ‘I put a lot of time and effort into writing these labs for you guys and the least you could do is read them. If you have read it and then have additional questions, I would be more than happy to help you, but you have to do your part first.’ I certainly don’t want to hear all of that, do you?” “Definitely not, I hate when teachers go ranting,” said Tyrell. The lab partners proceeded to add some random chemicals to the test tube. Shortly thereafter, the contents of the test tube began to bubble over. “Wow that was amazing!” Jason yelled.

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“Yeah, that was pretty cool, but it is everywhere,” Tyrell said in a concerned voice. “Good thing we have all of these papers laying around our lab station because most of the chemicals have just spilled onto them. We can just throw all of the papers into the garbage,” Jason said confidently. “Hey, it got onto my planner,” Tyrell said in an annoyed voice. “Who cares, just go to guidance and buy another one for four dollars and fitty cents. Oh, I’m sorry, I mean you can get one for four dollars and Fifty Cent. Get it, Get it!” Jason said in a joking manner.

![C:\Users\GHN13873\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\LXZEYVIC\MC900232101[1].wmf]()The students began to clean up the spilled chemicals when Tyrell said, “This stuff smells really good, kind of like lemonade.” “Well, if it smells like lemonade, it must be lemonade, just taste it,” Jason said in a convincing manner. Tyrell proceeded to taste the chemical mixture by sipping what was left in the test tube. “Oh man, the bell is going to ring soon,” Jason said in a rushed voice. “Just leave it, I really want to go to lunch because it is Taco Day,” Tyrell said. “Are you sure?” Jason questioned. “Yeah let’s just get out of here; the next class is going to be doing the lab again anyway, so they can clean it up,” Tyrell said. Without washing their hands, Jason and Tyrell left the classroom and headed to lunch.

**List of Laboratory Safety Rules**

In the chart below, rewrite the misbehaviors into a rule.

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| --- | --- |
| Number | Rule  |
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