

(1) Avery heated a sugar-water solution using a Bunsen burner until the solution began to boil. When they sat at their table, still holding the boiling solution some of the liquid spilled over the top and fell on Avery's lap. Luckily they weren't badly injured, except for a burn on the knee.

cause	prevention
No apron Not aware of surroundings Not handling solution properly	Move solution back Wear proper equipment hold solution when a safe temperature

(5) Hunter wore a muscle tank to the lab to do an experiment involving sodium and water. They bent down to watch the reaction at eye level, and suddenly there was a small explosion. Hunter got some of the substance on their chest and shoulders.

cause	prevention
Wasn't wearing Proper clothing No apron eye level	Wear proper clothing in fume hood

(9) Finn is using a hotplate to heat up a solution they've made for their experiment. They happen to be working next to a storage box containing ammonium perchlorate. When the teacher notices this, they immediately evacuate the school.

cause	prevention
wasn't aware of surroundings	Move the box away from your station.

(13) Brianna is using hydrochloric acid to test whether chalk will react to it. As Brianna drips the acid onto the chalk they're holding, some lands on their fingers. Those same fingers get a little itchy a few minutes later.

cause	prevention
Not using protective gloves Dont hold the chalk/not in something	Wear protective gloves Put chalk in something instead of holding it

17) Hazel was doing an experiment mixing aspirin tablets with water, to power a film-canister rocket. Copying their friends to figure out what to do, Hazel put the tablet and water in the can, pressed the lid on, and stood over the canister, waiting for something to happen. Unexpectedly to Hazel, the canister shot up and hit them in the face.

cause	prevention
<ul style="list-style-type: none">- Not following instructions- Not done under a fume hood- too close to the canister- No caps/lid on	<ul style="list-style-type: none">- Don't copy, follow the instructions- Stand back

Homework - Finish the page your group was assigned.
Bring your laptop/computing device for Monday