Scenarios: Super Safety Scientists: Vanquishing Danger One Disaster at a Time

Safety Scenario 1

Ali and Jenae were testing the properties of an unknown substance. To prepare they put the burner, test tubes, and the substance on their desks. Ali lit the Bunsen burner and then reached across the flame to get a test tube from Jenae. In the process, he knocked over a bottle of the mystery substance and a little bit splashed on Jenae’s bare arm. Her skin began to turn red and she felt like she had been burned.

How could you have saved the day? What type of PPE would protect them?
Safety Scenario 2

Zeinab and Curtis were testing chemical reactions over an open flame. Curtis’s sleeve caught fire and he raced across the room to show his teacher.

How could you have saved the day? What type of PPE would protect them?

Safety Scenario 3

Mohammed was trying to clean up an oil spill in the hallway. He ran towards it and slipped as he hit the slick spot, falling to the ground.

How could you have saved the day? What type of PPE could protect him?
Safety Scenario 4

Maya was in the lab with the window open mixing baking soda with another powder. As the wind blew through the lab, the powdery substances lifted into the air and into Maya’s eyes! She couldn’t see and was in pain from the irritating powders in her eyes.

How could you have saved the day? What type of PPE would protect her?

Safety Scenario 5

Ralphie was pouring vinegar into a beaker when Amber accidentally bumped into him. The vinegar splashed into his eyes and he was immediately in pain.

How could you have saved the day? What type of PPE would protect them?
Safety Scenario 6

Laura was carrying glassware back to the table when she stumbled and the glass fell to the ground. She stooped down to clean it up and sliced her finger open on a shard of glass.

How could you have saved the day?
What type of PPE would protect her?

Safety Scenario 7

Aiden was working with very loud equipment. It was so loud that his ears began to ring, and when he turned it off he couldn’t hear very clearly. The ringing in his ears would not go away.

How could you have saved the day?
What type of PPE would protect him?
Safety Scenario 8

Sara was determining the volume of some very heavy boxes. As she lifted one to set it on the floor, she dropped it on her foot! Her teacher called an ambulance and she was taken to the hospital for x-rays.

How could you have saved the day? What type of PPE would protect her?