c) **If the chemical had been corrosive, how would your immediate first aid response differ slightly, and why is that difference critical?** The immediate first aid response would differ by requiring **even more immediate and prolonged flushing with water**, often for a longer duration (e.g., 20-30 minutes or until medical help arrives). This difference is critical because corrosive chemicals can cause **severe and rapid tissue damage**, including burns and permanent injury. The extended flushing time is essential to dilute and remove the corrosive substance as quickly and completely as possible to minimize the extent of the burn.

Sub-strand 1.3: Laboratory Apparatus and Instruments

1. A Grade 7 learner is trying to determine if a new fertilizer helps bean plants grow taller. They measure the height of 10 plants in two different groups (one with fertilizer, one without) every day for two weeks. Which basic science skill are they primarily demonstrating? C. **Measurement**
2. During an experiment on heat transfer, a student needs to heat a liquid uniformly in a beaker. Which laboratory apparatus is best suited for providing controlled heat? C. **Bunsen burner**
3. Sarah carefully watches how different types of sugar dissolve in water at various temperatures, noting the speed and completeness of dissolution. Which basic science skill is Sarah primarily using? A. **Observation**
4. Mr. Kimani asks his students to group different objects based on whether they float or sink in water. Which basic science skill are the students practicing? C. **Classification**
5. Before an experiment, a student states, "I think the plant exposed to more sunlight will grow taller than the one in the shade." This statement is an example of which basic science skill? C. **Prediction**
6. A student needs to accurately measure 25.0 mL of liquid for an experiment. Which laboratory apparatus is most appropriate for this task? C. **Measuring cylinder**
7. After conducting an experiment on the effect of temperature on the rate of reaction, a student writes down their findings and shares them with the class. Which basic science skill are they demonstrating? C. **Communication**
8. Yvonne wants to measure the height of a home table. The standard international (SI) unit for measuring length is the: C. **Meter**