## **103 Laboratory Safety**



## **OBJECTIVES**

- 1. Describe the lab bench
- 2. Identify and locate laboratory safety equipment

- 3. Describe safe lab practices and techniques
  4. Identify hazards and safety symbols
  5. Describe how to react to hazardous lab scenarios



| 103.1 The Lab Bench   |
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| 1. Describe your lab bench.   |
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| 103.2 Laboratory Safety Equipment   |
| 2. Identify all the safety equipment present in your laboratory and their location. |
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| 103.3 Safe Lab Practices and Techniques   |
| 3. Describe how you should dress for the lab.                                       |
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| 4. Describe how to dispose of waste in the laboratory                               |
| 4. Describe how to dispose of waste in the laboratory.                              |
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| 5. Describe how to smell in the lab.   |
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| 6. Describe how to heat a substance in a test tube.  |
| 103.4 Laboratory Safety Hazard Symbols 7. Identify the safety symbols shown below.                         |
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| 8. Identify the color and hazard in each diamond of the National Fire Protection Hazard ID System.         |
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| <b>103.5 Safety Scenarios</b> 9. Describe how you would respond if you spilled a drop of acid on your arm. |
| 10. Describe how you would respond if the sleeve of a member of your lab group caught on fire.             |
| 11. Describe how you would respond if you accidently dropped a test tube on the floor of the lab.          |
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