

## Team 4909 Week 2 Safety Quiz

Name: \_\_\_\_\_

1. How do you hold a battery? \*
  - a. By the wires
  - b. By the beak
  - c. By the sides or top
  - d. You can't hold a battery
  
2. Where does the team store all of our batteries?
  - a. One battery on every table
  - b. By the sink next to the first aid kit
  - c. In the trailer outside
  - d. In the battery box
  
3. Should you check the battery every time you use it to make sure it is not damaged?
  - a. Only as an extra precaution
  - b. Yes, always
  - c. Only at competition
  - d. Only occasionally
  
4. What color is positive and negative on our team's batteries?
  - a. Red is both + and -
  - b. Black is both + and -
  - c. Black is (+) Red (-)
  - d. Red (+) Black (-)
  
5. What batteries are legal on an FRC robot?
  - a. 1.21 Gigawatts
  - b. 12 Volts
  - c. 2 Volts
  - d. 9 Volts
  
6. What are the best ways to prevent any battery spills, battery explosions, and/or battery injuries? (Circle all that apply)
  - a. Dispose of damaged batteries in the trash bin
  - b. Make sure it is not overheating while in use
  - c. Immediately charge batteries after use without waiting for them to cool
  - d. Make sure it is not damaged before use

7. What could happen if there is a damaged/shorted battery?
  - a. It could explode
  - b. It should still be used in the robot
  - c. None of the above
8. What is the battery beak?
  - a. A battery protection mask
  - b. What is inside a battery
  - c. Something that you use to charge a battery
  - d. Something that is used to check battery health
9. What should you do if you start to feel the battery overheat? (Circle all that apply)
  - a. Stop using it
  - b. Turn it off
  - c. Ignore it, the battery will cool down on its own
  - d. Tell a mentor/adult

**Answer Key**

1. C
2. D
3. B
4. D
5. B
6. B & D
7. A
8. D
9. A, B, D