



TECHNOLOGY EDUCATION

Electronic Lab Safety Quiz

- _____ wear your SAFETY GLASSES.
- KEEP soldering irons in their protective _____ when not in use.
- Always CUT wire LEADS so the clipped wire falls on the _____ and not toward others.
- AVOID an EARTH _____ when working with AC powered units.
- AVOID _____ with chemicals.
- REPLACE ALL _____, not just some.
- Use a _____ when soldering temperature-sensitive components.
- NEVER _____ a circuit that has the power applied.
- _____ circuits for proper connections and polarity prior to applying the power.
- Keep the _____ on oscilloscopes as LOW as possible when in use and all the way down when not in use to avoid burning out the screen.
- When soldering a multi-pin component, avoid _____ heating to one area of the component; DO NOT go from pin to pin in a straight line.
- Make sure TEST instruments are set for proper _____ and _____ prior to taking a measurement.
- When measuring UNCERTAIN qualities, start with the range switch on the _____ setting.
- ALWAYS REPLACE shields that were removed during service to avoid signal _____.
- When cutting with an X-Acto knife, AVOID CUTTING _____ yourself.
- Observe _____ when connecting polarized components or test equipment into a circuit.
- Avoid _____ wires when putting equipment back together.
- Always _____ the MSDS (Materials Safety and Data Sheet) for all chemicals prior to their use.

ANSWERS: Please cover before copying for students

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|-----------------|---------------------|
| 1. Always | 10. intensity |
| 2. stand | 11. excessive |
| 3. table top | 12. function, range |
| 4. ground | 13. highest |
| 5. skin contact | 14. radiation |
| 6. screws | 15. toward |
| 7. heat sink | 16. polarity |
| 8. solder | 17. pinching |
| 9. Double check | 18. read |