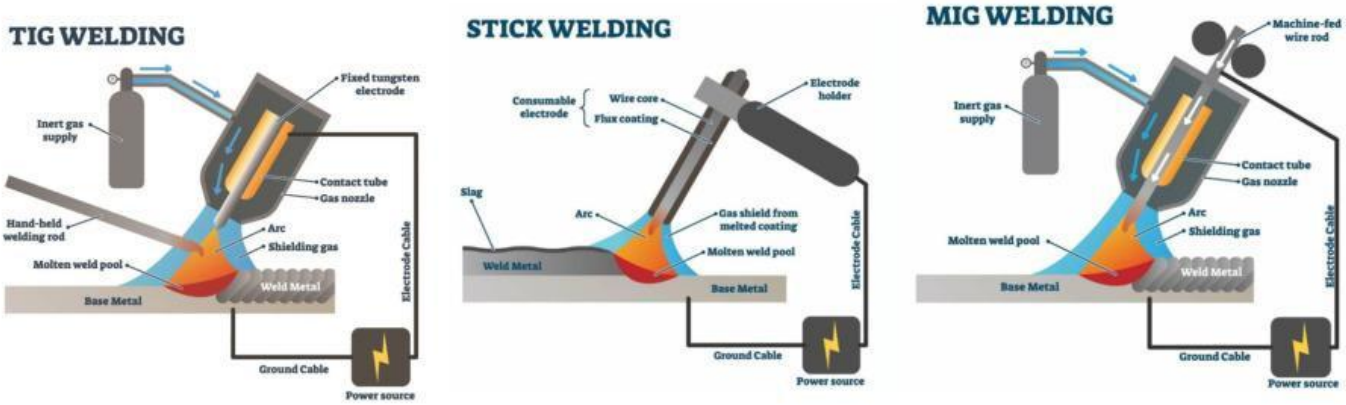
# WELDING TECHIQUES VOCABULARY

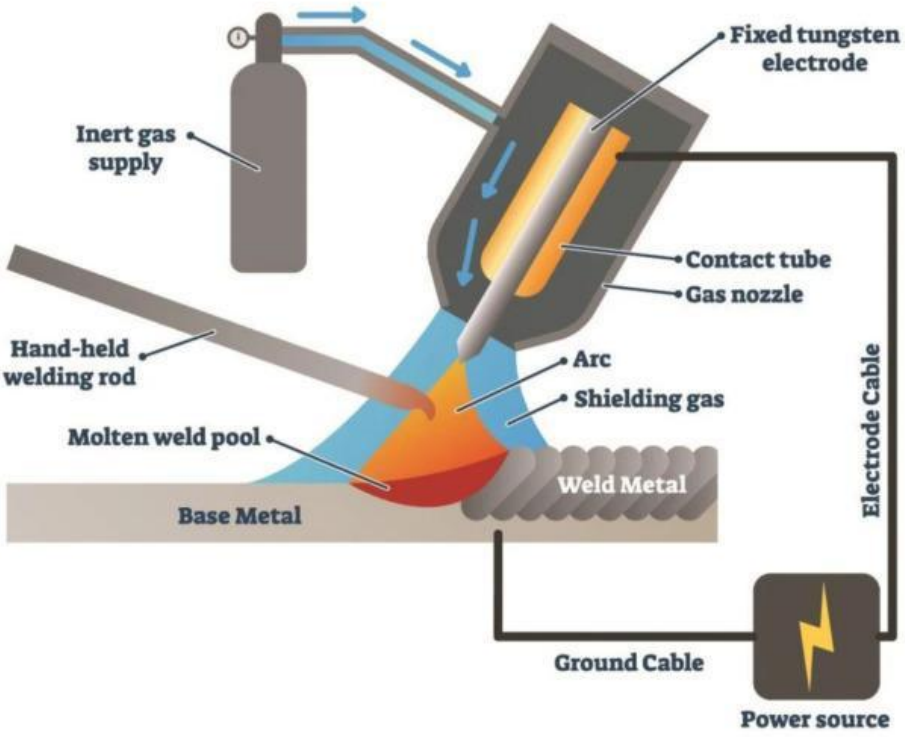



**1. Match the English term with its Spanish translation. (18 points)**
**(Une los términos en inglés con su traducción en español)**

| | |
|---|---|
| 1. Machine-fed wire rod | A. Núcleo de alambre |
| 2. Contact tube | B. Gas inerte |
| 3. Gas nozzle | C. Tubo de contacto |
| 4. Wire core | D. Boquilla de gas |
| 5. Electrode | E. Alambre alimentado por máquina |
| 6. Flux coating | F. Protección de gas |
| 7. Gas shield | G. Revestimiento de fundente |
| 8. Electrode holder | H. Porta electrodos |
| 9. Welding rod | I. Varilla de soldadura |
| 10. Shielding gas | J. Gas protector |
| 11. Arc | K. Arco eléctrico |
| 12. Molten | L. Fundido |
| 13. Power | M. Energía |
| 14. Slag | N. Escoria |
| 15. Weld metal | O. Metal de soldadura |
| 16. Base metal | P. boquilla de gas |
| 17. Gas nozzle | Q. Metal base |
| 18. Inert gas | R. Electrodo |

LIVEWORKSHEETS

# TIG WELDING




**2. Fill in the blanks using the words below. (10 points)**
**(Completa los espacios con las palabras de abajo)**

welding rod – inert gas – arc – electrode – weld metal – shielding gas – power – base metal – gas nozzle – molten

1. TIG welding uses a fixed tungsten _____ .
2. The _____ comes from a bottle and protects the weld.
3. The _____ creates heat to melt the metal.
4. The _____ pool is the hot liquid metal during welding.
5. The welder holds a _____ to add metal to the weld.
6. The _____goes through a special nozzle to protect the arc.
7. The melted metal becomes _____ after it cools.
8. The metal that is being welded is called the _____.
9. The gas flows out of the _____.
10. The system needs _____ from a special source.

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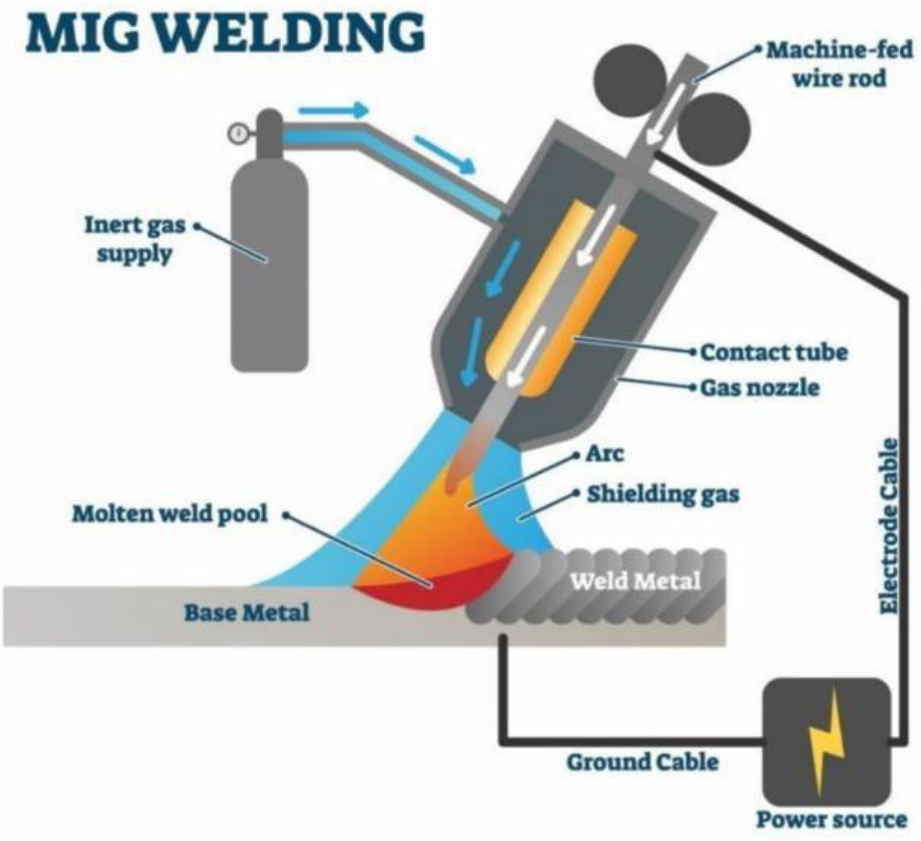
3. **Fill in the blanks using the words below. (10 points)**
**(Completa los espacios con las palabras de abajo)**

machine-fed wire rod – inert gas – contact tube – gas nozzle – arc – shielding gas – molten – weld metal – base metal – power

1. The _____ pushes the wire automatically.
2. _____ protects the weld area from contamination.
3. The _____ conducts electricity to the wire.
4. The _____ directs the gas to the weld area.
5. The _____ generates heat for melting metal.
6. _____ protects the weld from the air.
7. When metal is heated, it becomes _____.
8. Cooled metal becomes _____.
9. The metal that is being welded is called _____.
10. MIG welding needs electrical _____ to work.

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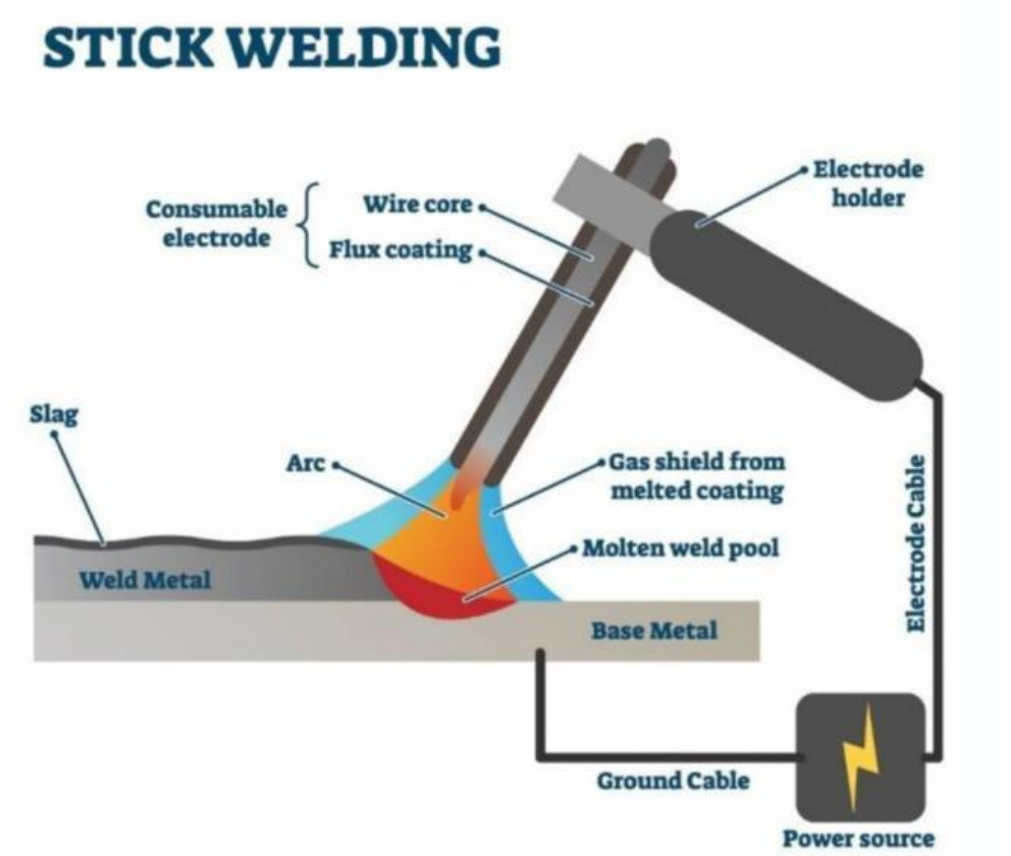


**4. Fill in the blanks using the words below. (10 points)**
**(Completa los espacios con las palabras de abajo)**

electrode holder – wire core – flux coating – arc – gas shield – molten – weld metal – slag – base metal – power

1. The _____ holds the electrode during welding.
2. The _____ is the metal inside the electrode.
3. The _____ covers the electrode and creates gas when it melts.
4. The _____ creates the heat to melt the metal.
5. The _____ protects the weld from the air.
6. The metal becomes _____ when it is very hot.
7. After it cools, the melted metal becomes _____.
8. The burned coating forms a hard layer called _____.
9. The metal being welded is the _____.
10. The system uses electrical _____ to work.

LIVEWORKSHEETS