Grade	Grade 11
Unit of Study	**J. Create gas metal arc welds on pipe/plate consistent with industry and safety standards**
Length of Unit	4 Weeks

Missouri Learning Standards
1. Describe gas metal arc welding theory
2. Adjust current, voltage, pulse, wire feed rate, and gas flow
3. Identify, select, and set up equipment
4. Identify and select solid wire electrode for carbon steel, aluminum, and stainless steel

Unit {#3-1}: Learning Targets
I can safely and successfully create a MIG weld in the flat , vertical, horizontal, and overhead positions.
I can troubleshoot and fix common problems that occur when welding.
I can choose the correct shielding gas and wire for the material I am going to weld.

Intervention and Enrichment

Assessments	
MLS (Learning Goal)	**Description or Location**
● {Standard text}	{Name of Folder} folder
● {Standard text}	{Name of Folder} folder

Vocabulary			
{Vocabulary term} {Vocabulary term} {Vocabulary term}	{Vocabulary term} {Vocabulary term} {Vocabulary term}	{Vocabulary term} {Vocabulary term} {Vocabulary term}	{Vocabulary term} {Vocabulary term} {Vocabulary term}

Instructional Materials
Videos and demonstrations by instructor also Welding Principles And Practices (McGraw Hill)

Additional Instructional Resources
See {Name of Folder} folder

Reflections for Future Revisions
{Text}