

**Illinois State Board of Education
Welding Example**

General Information

Academic Year	2015-2016
Educator Name	Example Teacher
Course/Subject	Welding
Grade Level(s)	Grades 9-12
Interval of Instruction	9/1/15 – 2/15/16

Timeline

Initial Approval Date	9/1/15
Midcourse Check-In Date	11/15/15
Midcourse Check-In Notes: Susan and Andrew were removed from the SLO due to absences exceeding 50% of the first half of the SLO cycle.	

Element 1: Learning Goal

<input type="checkbox"/> Describe the learning goal.	Students will demonstrate their ability to strike and maintain a shielded metal arc weld for three four inch beads.
<input type="checkbox"/> Identify the content standards associated with the learning goal. <i>Include the text of the content standards.</i>	PST.04.04.07.b. Distinguish welding processes, positions, and materials preparation. PST.04.04.07.c. Construct and/or repair metal structures and equipment using welding fabrication procedures, including those associated with SMAW, GMAW, GTAW, fuel-oxygen and plasma arc torch methods.
<input type="checkbox"/> Describe the student population.	The student population includes 15 ninth through twelfth grade students. In addition, Jean has been identified as an English Learner.
<input type="checkbox"/> Summarize the instructional strategies used to teach the learning goal.	Approximately 25% of students' time will be spent in the classroom learning the theories and fundamentals of welding and approximately 75% of students' time will be spent in the welding lab.

Discussion Questions

- What “big idea” is supported by the learning goal?
- How does the learning goal support students’ development of critical thinking, problem solving, and analytical skills?

Element 2: Assessment

<input type="checkbox"/> Describe the assessment and evaluation procedures that measure students’ understanding of the learning goal.	A shielded metal arc welding assessment will be administered throughout the school year to evaluate students developing abilities. A rubric will be used to evaluate student performance on the assessment (see attached). In addition, self and peer assessment will be used to regularly check for student understanding. See Example Welding Assessment: http://www.isbe.state.il.us/assessment/pdfs/bal-asmt/example-asmts/shielded-metal-arc-welding.pdf
<input type="checkbox"/> Describe how the assessment and evaluation procedures will be differentiated to meet the needs of all students described in the student population.	Jean will be provided with directions in her native language.

Discussion Questions

- How often will you collect data to monitor student progress toward this learning goal?
- How will you use this assessment information to monitor student progress and inform your instruction?

Element 3: Growth Targets

Identify students' baseline data.

Students	Beginning	Developing	Accomplished
Andrew	X		
Amy	X		
Daniel	X		
Diana		X	
David	X		
Jean	X		
Kevin	X		
Manuel	X		
Nathan	X		
Natalie	X		
Patricia	X		
Peter		X	
Robert		X	
Samuel	X		
Susan	X		

- Using students' baseline data identify appropriate growth targets for your student population.

Students	Beginning	Developing	Accomplished
Andrew		X	
Amy		X	
Daniel		X	
Diana			X
David			X
Jean		X	
Kevin		X	
Manuel			X
Nathan		X	
Natalie		X	
Patricia		X	
Peter			X
Robert			X
Samuel			X
Susan			X

Discussion Questions

- Explain how the growth targets demonstrate ambitious, yet realistic targets, for all students described in the student population.

Element 4: Outcome

<input type="checkbox"/> Document the number or percentage of students who achieved their identified growth targets.	Students	Beginning	Developing	Accomplished
	Amy		X	
	Daniel		X	
	Diana			X
	David			X
	Jean		X	
	Kevin		X	
	Manuel			X
	Nathan		X	
	Natalie		X	
	Patricia		X	
	Peter			X
	Robert			X
	Samuel			X

Required for Evaluator	
<input type="checkbox"/> Explain how the number or percentage of students who met their identified growth targets translates into an appropriate teacher rating.	All students met their identified growth targets.

Element 5: Teacher Rating

Unsatisfactory	Needs Improvement	Proficient	Excellent
Less than 25% of Students Met the Indicated Growth Target(s). <input type="checkbox"/>	25% - 50% of Students Met the Indicated Growth Target(s). <input type="checkbox"/>	51% - 75% of Students Met the Indicated Growth Target(s). <input type="checkbox"/>	76% - 100% of Students Met the Indicated Growth Target(s). <input checked="" type="checkbox"/>
Date: 2/15/16	Evaluator Signature: <i>Example Evaluator</i>		
Date: 2/15/16	Teacher Signature: <i>Example Teacher</i>		