## SAMPLE HIGH SCHOOL INDUSTRIAL TECHNOLOGY GOAL

Grade Level:	
Goal Type:	

Elementary Individual Goal Middle School Team Goal

High School

SLG GOAL 1					
	Content Standards/Skills	<ul> <li>MNPG10.03 - Interpret drawing and welding symbols.</li> <li>MNPG10.03.05.01 - Interpret basic elements of a drawing or sketch.</li> <li>MNPG10.03.05.02 - Interpret welding symbol information.</li> <li>MNPG10.03.05.03 - Fabricate parts from a drawing or sketch.</li> </ul>			
	Assessments	<b>Category 2</b> For both my baseline and final assessment I will be using the Welding rubric attached. It was developed within CTE Region 4 and since I am the only welding teacher, it is a school-wide assessment.			
	Context/Students	Varied: IEP to TAG students are enrolled in Welding classes. 18 of the 26 students in this class are beginning Welding students, and 6 are Advanced.			
erence	Baseline Data	In reading and interpreting welding blueprints, baseline data indicates of 24 students: 88% (21 students) demonstrated a level "1" (unsatisfactory) ability; 4% (1 student) demonstrated a level "2" (basic) ability; 4% (1 student) demonstrated a level "3" (proficient) ability; and 4% (1 student) demonstrated a level "4" (exemplary) ability			
Goal-Setting Conference	Student Growth Goal (Targets)	Students will show growth in their ability to read and interpret welding blueprints based on the following tiers: Students who performed at Level 1 (unsatisfactory) will move to level 3 (proficient) Students who performed at Level 2 (basic) will move to level 3 (proficient) Students who performed at Level 3 (proficient) will move to level 4 (exemplary) Students who performed at Level 4 (exemplary) will meet the requirements for dual credit.			
0	Rationale	In order to participate in advanced level welding coursework, students must be able to work with blueprints. Additionally, being able to read and interpret welding blueprints is necessary to meet industry level entrance requirements for a career in welding.			
	Strategies	<ul> <li>Instruction in welding vocabulary and symbols</li> <li>Students produce products based on welding blueprints</li> <li>Peer assessment/scoring on projects</li> <li>Observations and feedback to individual students</li> <li>One-to-one guidance</li> </ul>			
	Professional Learning and Support	<ul> <li>Time to work with colleagues and contacts in collaborative meetings to help advance my teaching skills, keep up on industry trends and standards, and share my own successful methods of instruction.</li> <li>Attend the TEO (Technology Educators of Oregon) and College Now conferences based on welding instruction best-practices and skills development</li> <li>Team meetings</li> <li>Self-evaluation</li> </ul>			

Unsatisfactory B	asic Pro	ficient Exemplary
•		(3) (4)
Student is able to interpret a weldingStudent interpretblueprint by demonstrating an ability to:welding blueprint ability to:Determine the type(s) of some of the required materials as per plans for the finished product.Determ trequired finished product.Able to determine less than 50% of the required welds asDeterm finensions.per plans.Determine finished product.Able to determine dimensions.Determ finished product.Able to determine dimensions.Determ finiensionsAble to interpret less than 50% of the industry standard welding symbols.Determ dimensions.Able to interpret less than 50% of the industry standard welding symbols.Able to more fl of the is standard symbol notes of plans.Able to industry standard welding symbols.Able to more fl of the is standard symbol notes of plans.	is able to is able to t aStudent interpret welding bluepri demonstrating an abilityabilitybluepri demonstrating an abilityining the material l for the l product.Determ require finishedine more l product.Determ require per plant bluepriine more bluepri d welds as ns.Determ require per plant diment the product.ine more l product.Determ require per plant diment the product.ine the utside sions of duct but sionedDeterm diment the product.interpret bions of duct butAble to the vie rotatio the dra special bionedo interpret han 50% ndustry rd welding ls and on a set ofAble to unders section cutawa	t is able to et aStudent is able to interpret a welding blueprint by demonstrating an ability to:an ability to:Determine the type of material required for the finished product.ine the material d for the d for the d for the d weld as ns.Determine the required weld as per plans.Determine the d weld as ns.Determine the finished product.Determine the d weld as ns.Determine the required weld as per plans.Determine the required weld as per plans.Able to identify the views and rotations used in the drawings.Determines.Able to understand the meanings of special notes.Determet ty standard g symbols tes.Able to interpret industry standard welding symbols and notes.Determet tand as andAble to understand sections and cutaways.