

# Ganado Unified School District

## (Welding II / 12<sup>th</sup> Grade)

### *PACING Guide SY 2016-2017*

Timeline & Resources	AZ Common Core Standards	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
<b><u>1<sup>st</sup> QTR:</u></b>  <b>Review Safety</b>	<b>CONSTRUCTION STANDARD 1.0 – SAFETY</b> <b>1.1</b> Interpret drawings, symbols, and procedures. <b>1.2</b> Use measuring devices. <b>1.3</b> Lay out projects from blueprints. <b>1.4</b> Measure and cut materials <b>1.5</b> Tack materials into position for welding	How can we keep our shop a safe environment?  What is one example of appropriate PPE?  Describe the risks and dangers tools and equipment	Students will be able to: <ul style="list-style-type: none"> <li>Identify and explain proper PPE.</li> <li>Identify and explain shop safety.</li> <li>Perform tasks in a safe and.</li> <li>Interpret welding symbols from a print.</li> </ul>	<ul style="list-style-type: none"> <li>All safety terms used during the students OSHA safety training.</li> <li>Trade terms specific to the conversation.</li> </ul>
<b>NCCER-CONTREN LEARNING SERIES</b>  <b>Teacher observation based design and specifications.</b>	<b>STANDARD 1.0 – 8.0</b> <b>All standards will be applied by the students as perform project builds.</b>	What is the best welding application to be used during this build?  What cutting application will be used to prep material during this build?  What tools are best for the task at hand? ie. Grinder, abrasives discs	Students will able to: <ul style="list-style-type: none"> <li>Apply lessons learned.</li> <li>Use skills to prep material for a quality weld.</li> <li>Read plans and welding symbols.</li> <li></li> </ul>	<ul style="list-style-type: none"> <li>All trade terms pertaining to the build at hand</li> <li>Safety terms accord the task at hand.</li> <li></li> </ul>

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