

Realityworks[®]
Live it. Learn it.[™]

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guideWELD VR

Best Practices: Teacher Showcase

*Creating the Best Learning Environment by
using Welding Training Tools*

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What does a 21st Century Welding Program look like?

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The 21st Century Welding Classroom

Realityworks' Welding Solutions feature several powerful and cost-effective welding education tools to help train welders more efficiently and engage students in welding career exploration.

Classroom Management

Portable Workstations - Large & Small

Destructive Weld Testing

RealCareer™ Bend Tester

Welding Simulation Lab

guideWELD® VR welding simulators

Live Welding Booths

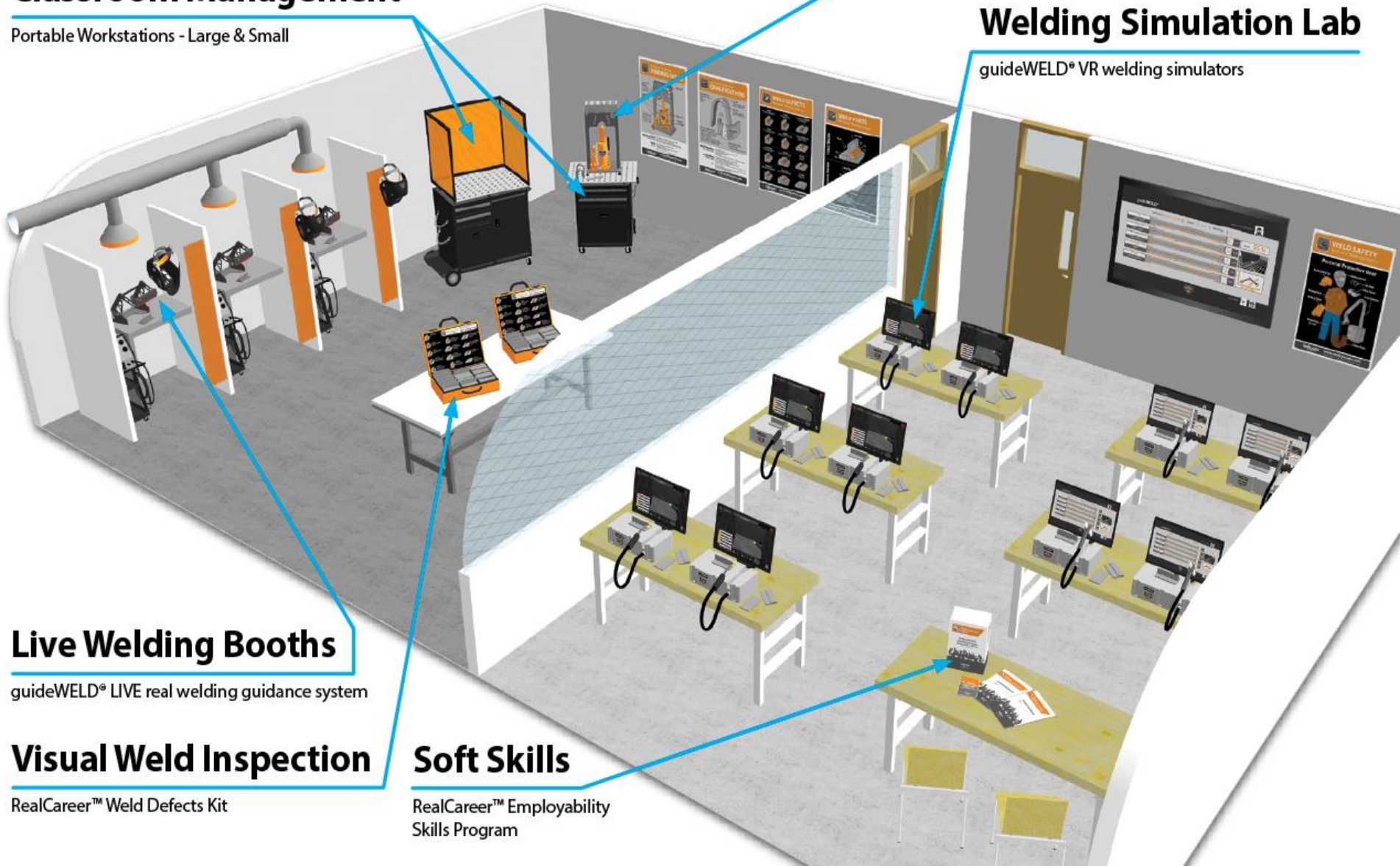
guideWELD® LIVE real welding guidance system

Visual Weld Inspection

RealCareer™ Weld Defects Kit

Soft Skills

RealCareer™ Employability Skills Program



Best Practices for any Classroom

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Welding Panelists

- Tim Larson

- *Agriculture Technology Instructor & FFA Advisor, Medford School, MN*

- Michael Arnold

- *Manufacturing Instructor, Goldsboro High School, NC*

*How long have you been a welding
or agriculture instructor?*

Tell us a little about your welding program, what it looks like, how many students, how it works.

*What made you interested in
welding simulation?*

What connections have you seen where welding simulation has helped your students grow in welding knowledge and skill?

How have your students taken to welding simulation and what are some success stories that you have seen with them?

*How have you seen your student's
skill level increase/gotten better
from virtual learning?*

How have you seen the grading of welds helped your students?

Can you tell us how you have implemented the welding simulators into your classroom teaching, how do you use them in your teaching?

Remember the *Realityworks Comprehensive Training Methodology!*

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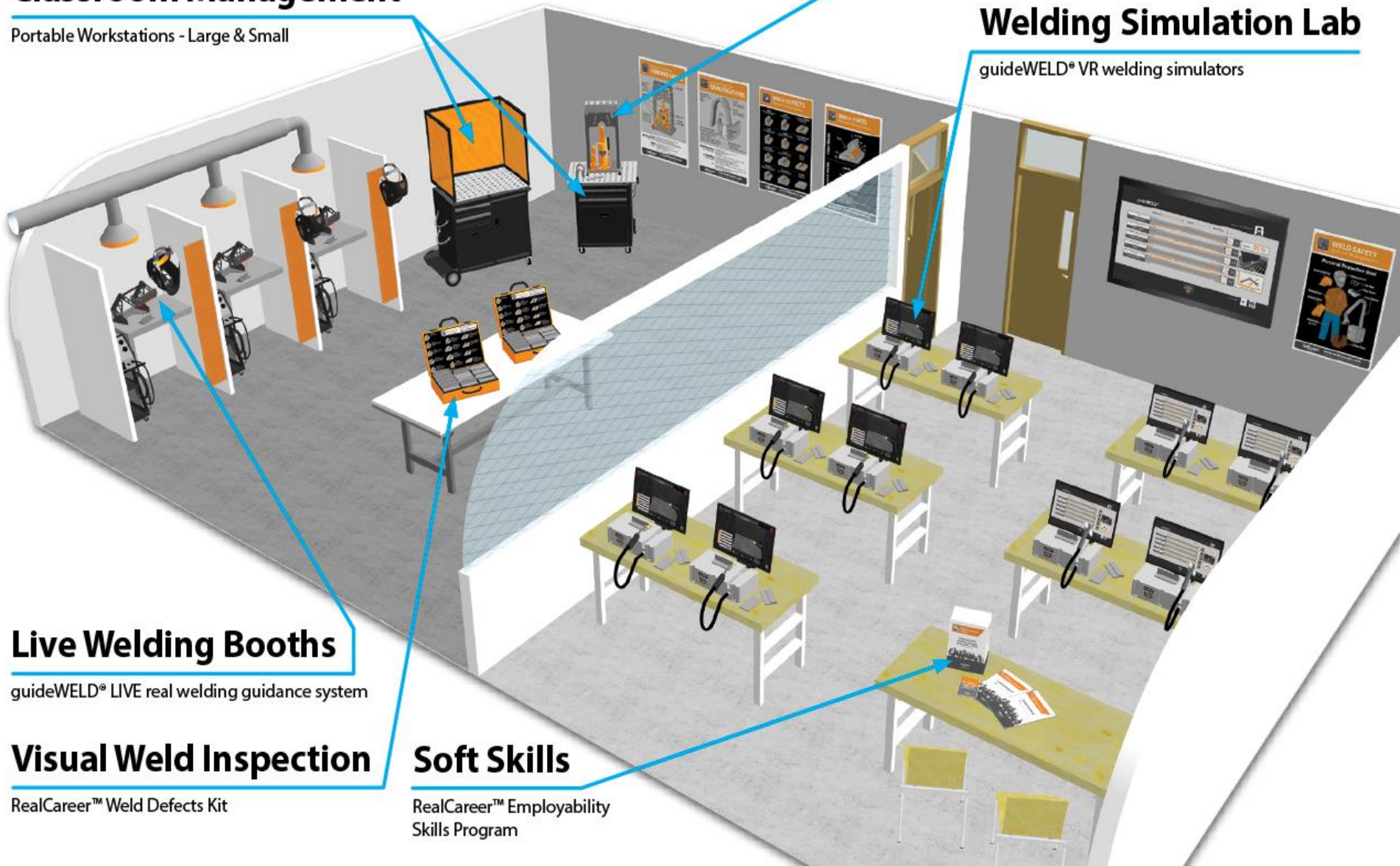
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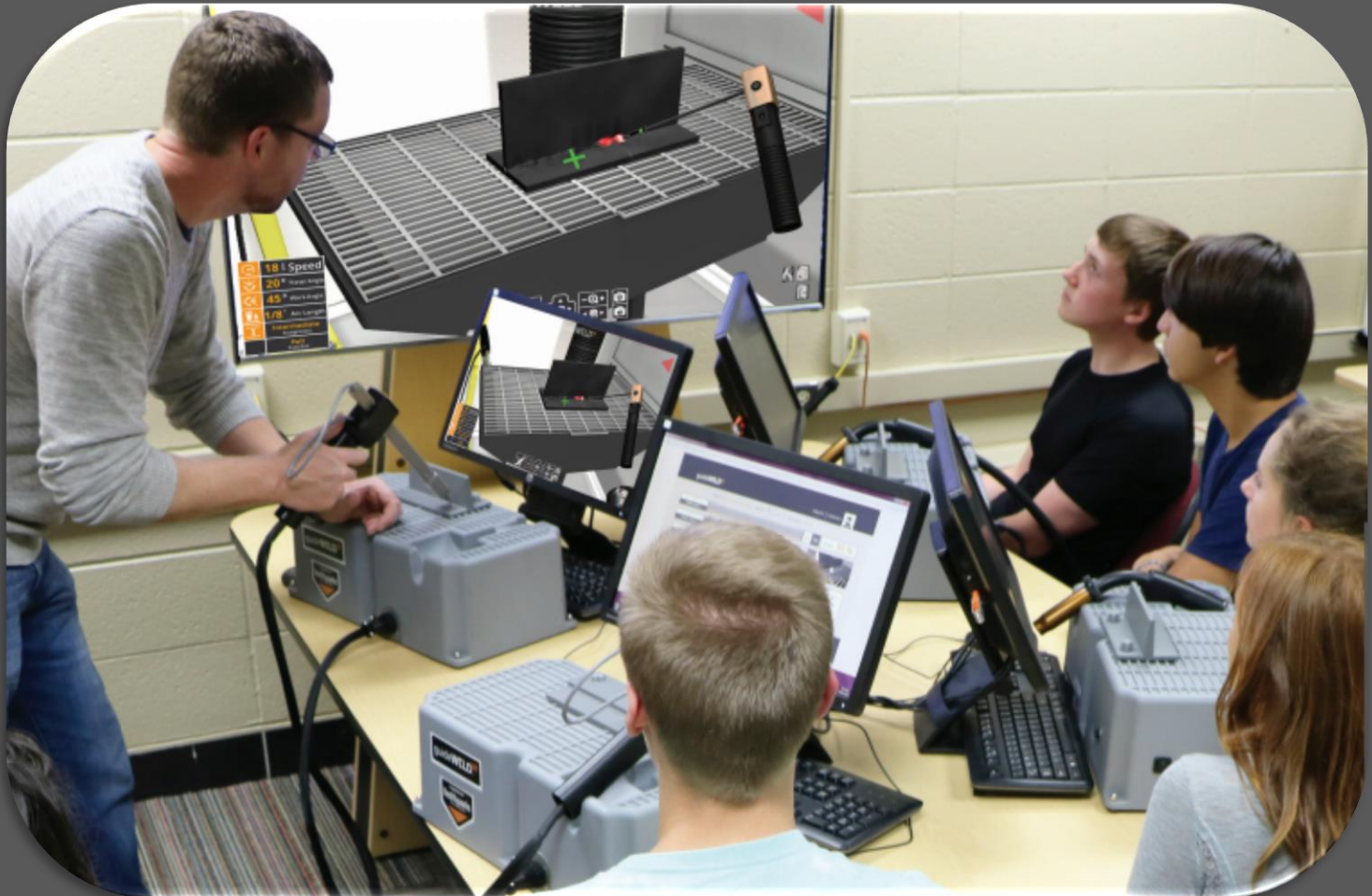
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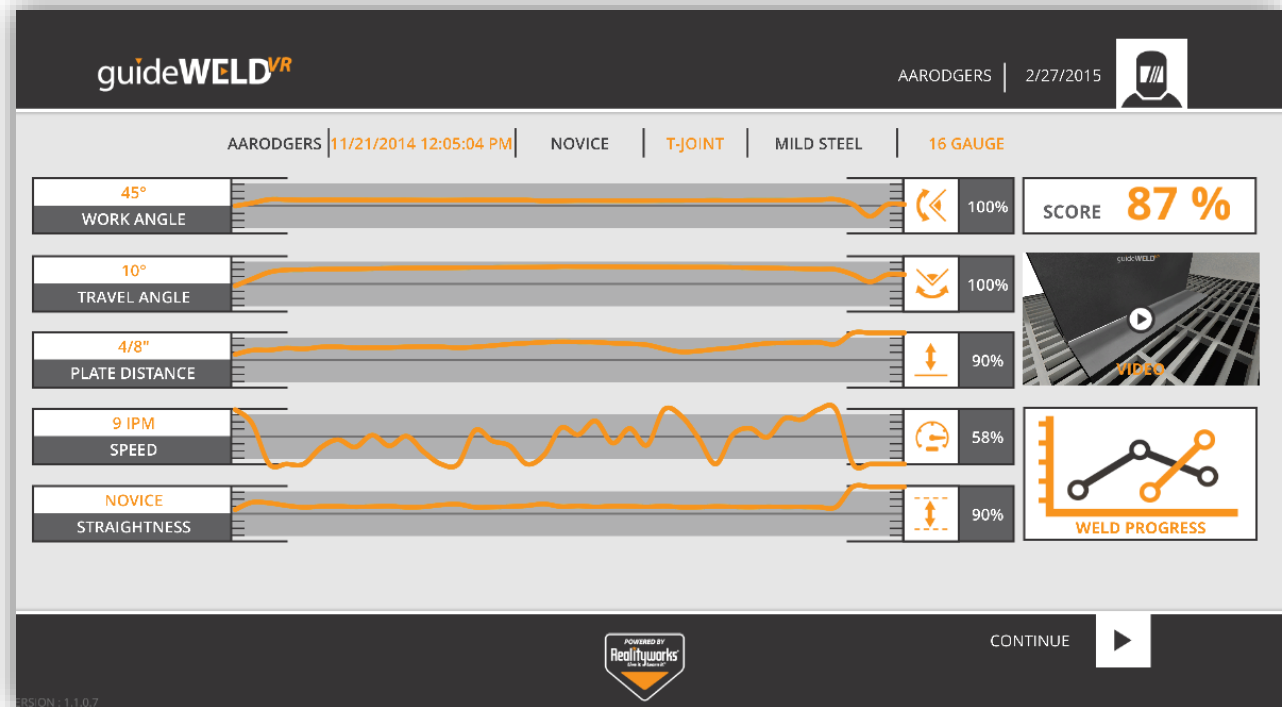
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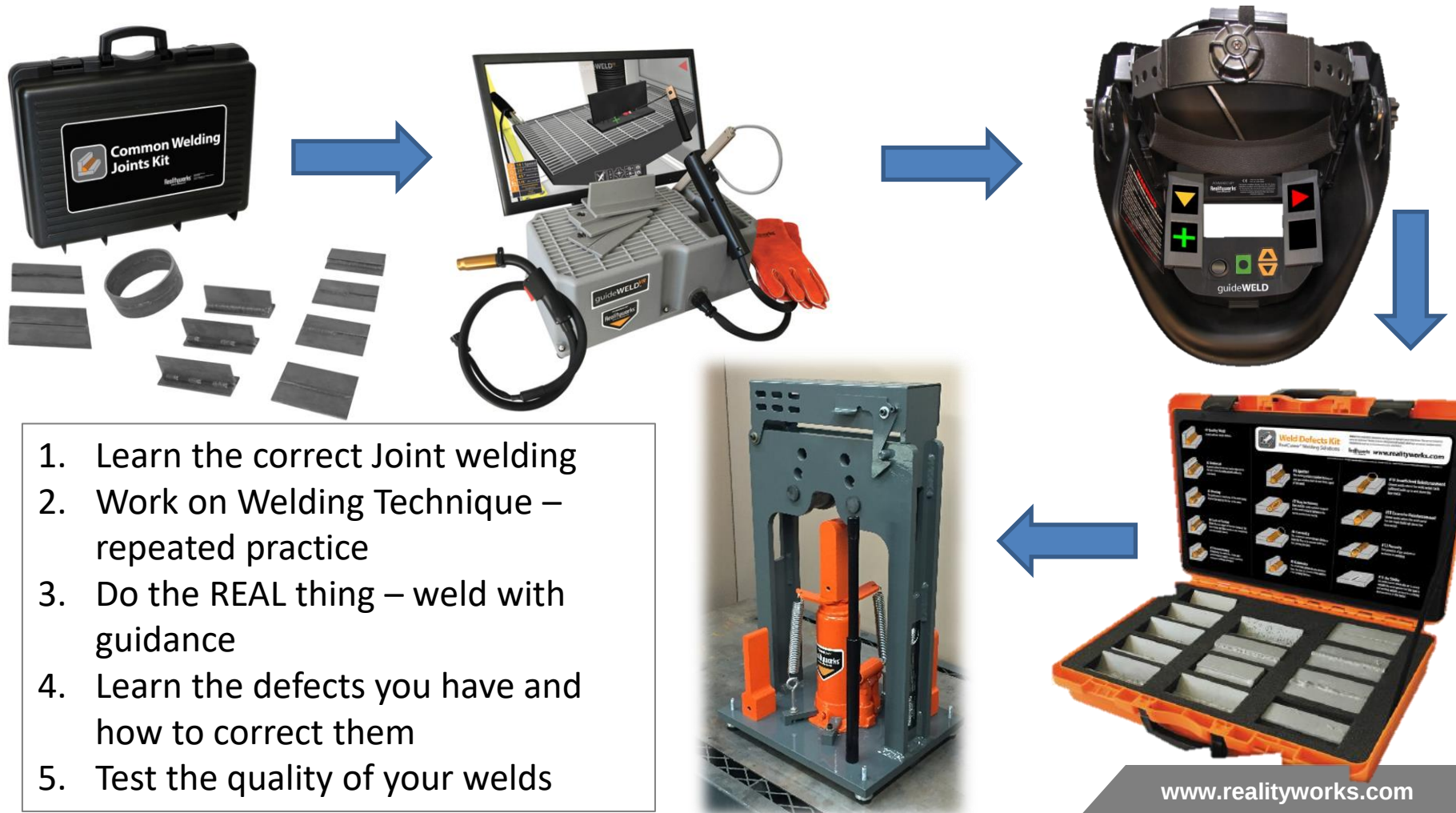
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Assessment

- Tracks work angle, travel angle, plate distance, speed and straightness
- Overall score given as a percentage
- Graphs student progress



Comprehensive Training Methodology



One School's way to encourage welding into their school system!

Harnett County Schools, North Carolina

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- **Lindsey Spivey Hardee**

- *M. Ed., NBCT, Director of Career & Technical Education, Harnett County Schools, NC*

A Mobile Lab for Welding and Construction

What do you do at Harnett County Schools?



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How did you bring welding simulation into your mobile lab?



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Usability and Functionality with guideWELD VR



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Student Engagement through Welding Simulation



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Program Implementation

- **Involve Classroom Management:**
 - Help Create Skill Learning
 - 21st Century Welding Implementation
 - Get students learning by getting them doing!
- **Focus on:**
 - Competition
 - Engagement
 - Confidence
- **Resources:**
 - Realityworks Learning Aids & Curriculum
 - Career Exploration Curriculum

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Q&A

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For more information please contact Realityworks, Inc.
through email at information@realityworks.com
or call toll free at 800.830.1416



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