Lesson Focus		ction to MIG nert Gas) Welding	Learning Area (Curriculum)	Industrial Design and Technology	
Year Lev	<b>el</b> 10	Implementation Date	25/10/24	Lesson duration	70 mins
Prior kno	wledge of l	earners (What do they al	ready know about th	is concept/topic/	skill?)
		mpleted the prior lesson d start MIG welding.	that set the basic M	IG foundation rec	uired to progress
Links to	Curriculum (	identify relevant Strands	and Content Descrip	otors)	
		ices of materials, compo solutions <b>(ACTDEK043)</b>	nents, tools, equipme	ent, and technique	es to effectively and
-	te and make (ACTDEK04	e judgments on the ethico 1)	זו and sustainable pro	oduction and mar	keting of designed
-		tively and safely test, sel signed solutions <b>(ACTDE</b>		ppropriate techno	ologies and
Learning	objectives (	Declarative - knowledge	;)		
1. L	Inderstand t	he fundamental principle	s of MIG welding.		
		nts of a MIG welder and	•		
3. R	ecognize saf	fety protocols specific to l	MIG welding.		
Learning	objectives (	Procedural – skills)			
		the setup of a MIG weld	-		
		techniques for welding i			
	Perform safe Start welding	ty checks before starting	the welding process.		
Key Resc					
	MIG welder				
	•	tective equipment (PPE) l			ts
1. Lessor		on (introduce the topic an		rs)	
Timing	What you v	vill do (your teaching ste	eps)		
	Acknowled	ge and praise the studen	ts for their engageme		nat are your
10 min	performand	ce in the theory session.		les	pectations for the son?
	Conduct a d	quick theory revision to e	nsure their understa		nat is your hook to gage the learners?
	matches th	e practical application th	ey will soon undertal	ke. • W	nat are your key
	Confirm the	at the students recall the	nacassary informati		ompts? nat questions will you
	accurately.		necessary initiatio	asl	</td
	accuratery.			● Ho	w will you check for

Timing	What you will do (your teaching steps)	
50 min	After the first group completes their session, instruct them to close down and reset their stations, swapping gear with the next group. Facilitate peer advice by asking the first group to offer tips to the second group. Supervise the second group as they replicate the process, guiding as needed. Conclude the lesson by having the second group reset their bays and return their gear.	<ul> <li>What strategies are you using to teach the content?</li> <li>What are your key prompts?</li> <li>What questions will you ask?</li> <li>How will you check for understanding/learning?</li> </ul>
3. Lesso	n Conclusion (concluding activities, review, check for learning)	
Timing	What you will do (your teaching steps)	
10 min	Reflect on the lesson's flow, noting its success in aligning with the intended plan and setting a solid foundation for further development. Await feedback from the supervisor to build upon these practices.	<ul> <li>How will you summarise the key learnings?</li> <li>How do you wrap up the lesson?</li> <li>How will you check for understanding/learning?</li> </ul>
	Wrap-Up:	
	<ul> <li>End with a reflection question: "What do you think is the most important safety rule when welding, and why?"</li> <li>Did you enjoy completing your first welds?</li> <li>How do you feel now?</li> </ul>	
	Reflection Drked well or was successful? <i>(The What)</i>	
played ti What die I wouldn worksho	inuation of treating them like young tradesmen being inducted onto he role of having passed induction and transition onto 'site' aka wel d not work well or could be improved? (The What) 't say it didn't work well, but there is most certainly an art to contro p environment with tools and machines. I know this needs to be a w eved in a 2-week placement. I am, however, confident that I will add	ding bays. olling a class within a vell-honed skill set I have
Why do	I think this occurred? (The So What) experience	
What do	es this mean for your teaching practice and decision-making next ti	ime? (The What Next)
This fits when co	into the skill set of adapting to a new physical working environment mmencing a new project and working with many new contractors. se are students with zero knowledge of what they are walking into.	: similar to the real world The distinction, of course, is