

INDUSTRIAL ARTS / TECHNOLOGY TEACHER EDUCATION

Facilitated by Mike Stuhldreier and Jo-Anne Shay April 23rd and 25th, 2008

DACUM Skill Rating Scale

- 1 Can perform some parts of this skill satisfactorily but requires assistance and/or supervision to perform the entire skill.
- 2 Can perform this skill satisfactorily but requires periodic assistance and/or supervision.

- 3 Can perform this skill competently without assistance or supervision.
- 4 Can perform this skill competently, with initiative / adaptability to unique situations, and can educate others to perform the skill.

DEMONSTRATE COMMUNICATION SKILLS A

	onstrate ing skil	e active Is		Interp mater	ret tecl ials	nnical		Adapt audie	langua nce	age to			e an er en dial	ogue	ent		unicati	cher-pa ion	arent	Demo skills	nstrate	questi	ioning
A1				A2				А3				A4				Λ <i>E</i>				A6			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Initiat	e comr	ommunication Interpret non-verbal communication A8 2 3 4 1 2 3 4					comm	variety nunicati ologies ging)	ion	ew-		nstrate ing ski	public lls			nstrate ntation	classi skills	room	Develoral Develoral A12	op visu	al teac	hing	
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	Adapt presentation format to audience A13						writte	nstrate n literad		nd		esize ir	nformat	ion	criticis		structiv	/e	Demo sensiti culture	ivity fo			
A13				A14			1	A15				A16				A17		•		A18			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

DIFFERENTIATE INSTRUCTION B

Asses: styles			rning	Adapt studer /abilitie	nt learr			Create on exp			inds-	Create enviro		lusive		Adapt to mee wants	et learr	-		Evalua effecti delive	veness		ıg
B1				P2				В3				B4				B5				В6			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	csess student gagement Create opportunities for students to be success B8					essful	Use a resour assisti etc.) B9	ces (h	uman,	_	Identif techno B10				Integra profes classr B11	sionals	s into	3	Deterr profes Indust B12	sionals	s in the	:	
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

DEMONSTRATE PROFESSIONALISM C

Demo	nstrate	e empat	•	Act as others	s a reso	ource f	or	Follow of Cor		ssional	Code		itment		ong	Value confid					nstrate itment sion		
C1				C2				СЗ				C4				C5				C6			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Act as	a role	model		Devel netwo	op prof rks	fession	al	Build	relation	ships		Work team	as a m	ember	of a	Value associ	•				nstrate gemen	time t skills	
C7				C8	C8							C10				C11				C12			
1	2	3	4					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Demo behav	nstrate ethical Follow laws, regulation and divisional policies					consu	fy the nate of the state of the	other			nstrate zationa			Adapt	to cha	nge	-		profes				
C13				C14				C15				C16				C17				C18			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Formu	mulate personal goals Evaluate personal go					goals	Practi C21	ce well	ness				•		-								
	2	3	4						2	3	4	1											

DESIGN INSTRUCTION D

Apply I	learnin	g theo	ries	Devel practi	opmen ces	t safe v	work	Desig	n activi	ities		Organ activiti		ssroom	ı	Adapt	course	mate		Adapt level	activiti	es to g	rade
D1				D2				D3				D4				D5				D6			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	evise content to Evaluate emerging technology					Apply guidel D9		ilum		Develo term in		rt- and onal pl	ans	Demo	nstrate	creati		Write D12	learnin	g outco	omes		
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

DEMONSTRATE CLASSROOM MANAGEMENT SKILLS E

	e a sat		rnin	9	Demo skills	nstrate	motiva		Initiate engag						sroom proced			e an en			Devel behav	op stud viours	dents' :	social
E1					E2				E3				E4				E5				E6			
1	2	3		4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Identi	fy expe	ectatio	ons			a varie oom m gies	•	ment	Develone teamb	op stud uilding			Demo	nstrate	consis	Í	flexibi of stu	nstrate lity (e.g dents e state-c	reco	gnition nal /				
1	2	3		4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				

ASSESS/EVALUATE STUDENT PERFORMANCE F

F1	Apply assessments to outcomes			Develop student self- assessment tools	Write reports on student performance (for students, parents,	Describe student performance
Practice ongoing and continuous feedback student learning and strategies student personal / social development	F1	F2		F4	administration, etc.)	F6
continuous feedback student learning and strategies student personal / social development	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
	Practice ongoing and continuous feedback strategies	student learning and student personal / social development				

TEACH INDUSTRIAL ARTS / TECHNOLOGY G

Demo solving			em		op stud ng skill				nstrate ng skill		e-	Use re machi	elated to nery sa			Use tre testing				Identif mater	-	ponent	s and
G1				G2				G3				G4				G5				C6			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Use te termin	echnica ology	al		Manip equipr		ools an	id	Illustra graphi	ate idea ically	as		Analyz systen	ze mec ns	hanica	il	Analyz	ze prod	esses		Interp instru	ret tecl ctions	nnical	
G7				G8				G9				G10				G11				G12			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Demonstrate dexterity / fine motor skills G13			Demo	nstrate	e proce	sses	techno	ze impa ology o nment		ety /		ruct mo /pes / p		S	Measu G17	ire dat	a		Interp G18	ret data	a		
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Repor	1 2 3 4 1 2 3 Report data Manipulate data				lata		Desig	n produ	ıcts		Praction	ce safe	work	habits	Demo resour				Desig	n proce	edures		
G19	G19 G20						G21				G22				G23				G24				
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Praction skills G25	ce orga	anizatio 3	onal 4	minds	on act	ds-on / tivities nowled																	

MANAGE FACILITIES H

Fix eq	luipme	nt		Calibra	ate equ	uipmen	t	Practi maint		uipmen e	t	Create	e a buc	lget		Follow	a bud	get		Write	budget	propos	sals
H1				H2				НЗ				H4				H5				H6			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ shop	nize lab	/ facilit	ry /	proced			g)	Creat enviro		fe phys t	ical	Prepa plans	re eme	ergency	•	Apply and re			vs	Praction manage	ce inve gemen	•	
H7				H8				H9				H10				H11				H12			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Demo accou H13		e basic kills	4																				

USE ICT

Use	e sp	oreads	heets				ocessir	ng		rade b				to grad			Demo		comp	uter	Adapt			
					softwa	are			report	ing tec	hnolog	ies	repor	ting tec	hnologi	ies	literac	У			softwa	re / ha	rdware	9
11								13				14				15				16				
1		2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Use	e er	mail			Use o	nline re	esource	es and	Use p	resenta	ation													
					datab	ases			softwa	are														
17					18				19															
1		2	3	4	1	2	3	4	1	2	3	4												