

Partnering with Parents Walking the Journey Together



Kimberly Greder, Ph.D.
Associate Professor
Human Development &
Family Studies
Family Life Extension
State Specialist
515-294-5906
kgreder@iastate.edu

Jennifer Diers, M.Ed.
Ph.D. candidate
Human Development &
Family Studies
Iowa State University
515-294-9327
jdiers@iastate.edu

Table 1: Online & Traditional Format Self-Assessment Findings
All 44 Questions: Paired t-test (mean of pre- test and mean of post-test)

	n	Mean Pre-Test	Mean Post-Test	t-value	Sig.
All 44 questions (no excluded cases)	107	3.3	4.3	-18.6	.000
All 44 questions (excluded if 2 missing)	41	3.4	4.3	-10.1	.000

*scale = 1 (strongly disagree); 2 (somewhat disagree); 3 (unsure); 4 (somewhat agree); 5 (strongly agree)

Table 2: Online & Traditional Format Self-Assessment Findings
Question Sets: Paired t-test (mean of pre- test and mean of post-test)

Question Set	n	Mean Pre-test	Mean Post-test	t-value	Sig.
Q 1_4 The Journey of Parenting Education	101	3.2	4.4	-17.0	.000
Q 5_7 Cultural Perspectives on Parenting	101	3.3	4.3	-15.2	.000
Q 8_11 Parenting with Special Challenges	59	3.6	4.4	-8.6	.000
Q 12_16 Exploring Child-rearing Strategies and Assessing Parenting Education Resources	90	3.2	4.4	-13.0	.000
Q 17_19 Parent Learning in Small Groups	84	3.2	4.1	-11.8	.000
Q 20_24 Understanding Child and Parent Development	84	3.3	4.3	-12.1	.000
Q 25_30 Feeding Children and Physical Activities for Families	84	3.4	4.3	-11.6	.000
Q 31_34 Guiding, Nurturing, and Motivating Children	84	3.6	4.3	-10.7	.000
Q 35_37 Measuring Program Outcomes	84	2.8	4.1	-11.2	.000
Q 38_41 Financial Stability and Family Well-being	84	3.4	4.4	-10.9	.000
Q 42_44 Building Support for Yourself and Professional Development	90	3.1	4.3	-15.15	.000

*n=cases excluded if missing at least one variable

*scale = 1 (strongly disagree); 2 (somewhat disagree); 3 (unsure); 4 (somewhat agree); 5 (strongly agree)

Table 3: Online vs. traditional format Self-Assessment Findings

Online vs. traditional		n	Mean	t-value	Sig.
Mean all 44 pre-test	Traditional	26	3.5	.740	.464
	Online	15	3.3		
Mean all 44 post-test	Traditional	26	4.4	1.257	.224
	Online	15	4.1		

*n=cases excluded if missing at least one variable

*scale = 1 (strongly disagree); 2 (somewhat disagree); 3 (unsure); 4 (somewhat agree); 5 (strongly agree)

**Table 4: Online vs. Traditional Format Self-Assessment Findings
Mean of Pre-test and Mean of Post-test Question sets (cases excluded if missing data)**

Online vs. traditional	Question Set	n	Mean	t-value	Sig.	
<u>The Journey of Parenting Education</u>						
Mean pre-test	Q 1_4	Traditional	38	3.3	.764	.447
		Online	63	3.2		
Mean post-test	Q 1_4	Traditional	38	4.4	-.604	.547
		Online	63	4.4		
<u>Cultural Perspectives on Parenting</u>						
Mean pre-test	Q 5_7	Traditional	38	3.1	-1.458	.148
		Online	63	3.4		
Mean post-test	Q 5_7	Traditional	38	4.3	-1.032	.305
		Online	63	4.4		
<u>Parenting with Special Challenges</u>						
Mean pre-test	Q 8_11	Traditional	37	3.5	-.588	.559
		Online	22	3.7		
Mean post-test	Q 8_11	Traditional	37	4.3	-1.260	.213
		Online	22	4.6		
<u>Exploring Child-rearing Strategies and Assessing Parenting Education Resources</u>						
Mean pre-test	Q 12_16	Traditional	38	3.2	-.690	.492
		Online	52	3.3		
Mean post-test	Q 12_16	Traditional	38	4.3	-.847	.399
		Online	52	4.4		

<u>Parent Learning in Small Groups</u>						
Mean pre-test	Q 17_19	Traditional	38	3.1	-.477	.635
		Online	46	3.2		
Mean post-test	Q 17_19	Traditional	38	4.1	-.323	.748
		Online	46	4.2		
<u>Understanding Child and Parent Development</u>						
Mean pre-test	Q 20_24	Traditional	38	3.3	.439	.662
		Online	46	3.2		
Mean post-test	Q 20_24	Traditional	38	4.3	-.003	.998
		Online	46	4.3		
<u>Feeding Children and Physical Activities for Families</u>						
Mean pre-test	Q 25_30	Traditional	38	3.4	.075	.940
		Online	46	3.4		
Mean post-test	Q 25_30	Traditional	38	4.3	-.500	.618
		Online	46	4.4		
<u>Guiding, Nurturing, and Motivating Children</u>						
Mean pre-test	Q 31_34	Traditional	38	3.7	.514	.609
		Online	46	3.5		
Mean post-test	Q 31_34	Traditional	38	4.3	-.413	.681
		Online	46	4.4		
<u>Measuring Program Outcomes</u>						
Mean pre-test	Q 35_37	Traditional	38	3.0	.942	.349
		Online	46	2.7		
Mean post-test	Q 35_37	Traditional	38	4.2	.610	.544
		Online	46	4.1		
<u>Financial Stability and Family Well-being</u>						
Mean pre-test	Q 38_41	Traditional	38	3.5	.434	.665
		Online	46	3.4		
Mean post-test	Q 38_41	Traditional	38	4.4	.282	.779
		Online	46	4.3		
<u>Building Support for Yourself and Professional Development</u>						
Mean pre-test	Q 42_44	Traditional	38	3.2	.981	.329
		Online	52	3.0		
Mean post-test	Q 42_44	Traditional	38	4.4	.599	.551
		Online	52	4.3		