

Appendix 3_1: Extended Assessment Alignment Study Results and Data

Mathematics: Elementary School

Descriptive Statistics

	Link Ag12	Link Ag23	Link Ag13	ItemDO K Ag12	ItemDO K Ag23	ItemDO K Ag13	StdDOK Ag12	StdDOK Ag23	StdDOK Ag13
N Valid	207	211	207	89	90	90	211	211	211
Missing	38	34	38	156	155	155	34	34	34
Mean	1.50	1.49	1.20	1.00	1.00	1.00	1.28	1.36	1.31
Median	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Mode	2	1	1	1	1	1	1	1	1
Std. Deviation	.501	.501	.400	.000	.000	.000	.450	.481	.465

Frequency Tables

LnkAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	103	42.0	49.8	49.8
	2	104	42.4	50.2	100.0
	Total	207	84.5	100.0	
Missing	System	38	15.5		
Total		245	100.0		

LnkAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	108	44.1	51.2	51.2
	2	103	42.0	48.8	100.0
	Total	211	86.1	100.0	
Missing	System	34	13.9		
Total		245	100.0		

LnkAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	166	67.8	80.2	80.2
	2	41	16.7	19.8	100.0
	Total	207	84.5	100.0	
Missing	System	38	15.5		
Total		245	100.0		

ItmDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	89	36.3	100.0	100.0
Missing	System	156	63.7		
Total		245	100.0		

ItmDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	90	36.7	100.0	100.0
Missing	System	155	63.3		
Total		245	100.0		

ItmDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	90	36.7	100.0	100.0
Missing	System	155	63.3		
Total		245	100.0		

StdDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	152	62.0	72.0	72.0
	2	59	24.1	28.0	100.0
	Total	211	86.1	100.0	
Missing	System	34	13.9		
Total		245	100.0		

StdDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	135	55.1	64.0	64.0
	2	76	31.0	36.0	100.0
	Total	211	86.1	100.0	
Missing	System	34	13.9		
Total		245	100.0		

StdDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	145	59.2	68.7	68.7
	2	66	26.9	31.3	100.0
	Total	211	86.1	100.0	
Missing	System	34	13.9		
Total		245	100.0		

Descriptive Statistics

		Judge 1								
		Judge 1 Link	Item DOK	Judge 1 Std DOK	Judge 2 Link	Judge 2 Item DOK	Judge 2 Std DOK	Judge 3 Link	Judge 3 Item DOK	Judge 3 Std DOK
N	Valid	207	90	211	211	90	212	211	91	211
	Missing	38	155	34	34	155	33	34	154	34
	Mean	2.69	2.04	2.39	2.19	2.04	2.58	2.62	2.03	2.48
	Median	3.00	2.00	2.00	2.00	2.00	2.00	3.00	2.00	2.00
	Mode	3	2	2	3	2	2	3	2	2
	Std. Deviation	.594	.652	.751	.824	.652	.778	.676	.657	.745

Frequency Tables

Judge 1 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	14	5.7	6.8	6.8
	2	37	15.1	17.9	24.6
	3	156	63.7	75.4	100.0
	Total	207	84.5	100.0	
Missing	System	38	15.5		
Total		245	100.0		

Judge 1 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	17	6.9	18.9	18.9
	2	52	21.2	57.8	76.7
	3	21	8.6	23.3	100.0
	Total	90	36.7	100.0	
Missing	System	155	63.3		
Total		245	100.0		

Judge 1 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	13	5.3	6.2	6.2
	2	123	50.2	58.3	64.5
	3	54	22.0	25.6	90.0
	4	21	8.6	10.0	100.0
	Total	211	86.1	100.0	
Missing	System	34	13.9		
Total		245	100.0		

Judge 2 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	55	22.4	26.1	26.1
	2	61	24.9	28.9	55.0
	3	95	38.8	45.0	100.0
	Total	211	86.1	100.0	
Missing	System	34	13.9		
Total		245	100.0		

Judge 2 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	17	6.9	18.9	18.9
	2	52	21.2	57.8	76.7
	3	21	8.6	23.3	100.0
	Total	90	36.7	100.0	
Missing	System	155	63.3		
Total		245	100.0		

Judge 2 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	9	3.7	4.2	4.2
	2	101	41.2	47.6	51.9
	3	73	29.8	34.4	86.3
	4	29	11.8	13.7	100.0
	Total	212	86.5	100.0	
Missing	System	33	13.5		
Total		245	100.0		

Judge 3 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	23	9.4	10.9	10.9
	2	35	14.3	16.6	27.5
	3	153	62.4	72.5	100.0
	Total	211	86.1	100.0	
Missing	System	34	13.9		
Total		245	100.0		

Judge 3 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	18	7.3	19.8	19.8
	2	52	21.2	57.1	76.9
	3	21	8.6	23.1	100.0
	Total	91	37.1	100.0	
Missing	System	154	62.9		
Total		245	100.0		

Judge 3 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	14	5.7	6.6	6.6
	2	100	40.8	47.4	54.0
	3	79	32.2	37.4	91.5
	4	18	7.3	8.5	100.0
	Total	211	86.1	100.0	
Missing	System	34	13.9		
Total		245	100.0		

Descriptive Statistics

		Link Consensus	Item DOK Consensus	Std DOK Consensus
N	Valid	47	40	47
	Missing	198	205	198
	Mean	2.77	1.58	1.70
	Median	3.00	2.00	2.00
	Mode	3	2	1
	Std. Deviation	.560	.549	.805

Frequency Tables

Link Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	3	1.2	6.4	6.4
	2	5	2.0	10.6	17.0
	3	39	15.9	83.0	100.0
	Total	47	19.2	100.0	
Missing	System	198	80.8		
Total		245	100.0		

Item DOK Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	18	7.3	45.0	45.0
	2	21	8.6	52.5	97.5
	3	1	.4	2.5	100.0
	Total	40	16.3	100.0	
Missing	System	205	83.7		
Total		245	100.0		

Std DOK Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	22	9.0	46.8	46.8
	2	19	7.8	40.4	87.2
	3	4	1.6	8.5	95.7
	4	2	.8	4.3	100.0
	Total	47	19.2	100.0	
Missing	System	198	80.8		
Total		245	100.0		

Mathematics: Middle School

Descriptive Statistics

	Link Ag12	Link Ag23	Link Ag13	ItemDOK Ag12	ItemDOK Ag23	ItemDOK Ag13	StdDOK Ag12	StdDOK Ag23	StdDOK Ag13
N Valid	235	234	234	93	94	93	234	235	234
Missing	1	2	2	143	142	143	2	1	2
Mean	1.36	1.29	1.34	1.38	1.32	1.40	1.44	1.43	1.46
Median	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Mode	1	1	1	1	1	1	1	1	1
Std. Deviation	.482	.453	.474	.487	.469	.492	.497	.496	.500

Frequency Tables

LnkAg12				
	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	150	63.6	63.8
	2	85	36.0	100.0
	Total	235	99.6	100.0
Missing	System	1	.4	
Total		236	100.0	

LnkAg23				
	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	167	70.8	71.4
	2	67	28.4	100.0
	Total	234	99.2	100.0
Missing	System	2	.8	
Total		236	100.0	

LnkAg13				
	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	155	65.7	66.2
	2	79	33.5	100.0
	Total	234	99.2	100.0
Missing	System	2	.8	
Total		236	100.0	

ItmDOKAg12				
	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	58	24.6	62.4
	2	35	14.8	100.0
	Total	93	39.4	100.0
Missing	System	143	60.6	
Total		236	100.0	

ItmDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	64	27.1	68.1	68.1
	2	30	12.7	31.9	100.0
	Total	94	39.8	100.0	
Missing	System	142	60.2		
Total		236	100.0		

ItmDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	56	23.7	60.2	60.2
	2	37	15.7	39.8	100.0
	Total	93	39.4	100.0	
Missing	System	143	60.6		
Total		236	100.0		

StdDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	131	55.5	56.0	56.0
	2	103	43.6	44.0	100.0
	Total	234	99.2	100.0	
Missing	System	2	.8		
Total		236	100.0		

StdDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	134	56.8	57.0	57.0
	2	101	42.8	43.0	100.0
	Total	235	99.6	100.0	
Missing	System	1	.4		
Total		236	100.0		

StdDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	126	53.4	53.8	53.8
	2	108	45.8	46.2	100.0
	Total	234	99.2	100.0	
Missing	System	2	.8		
Total		236	100.0		

Descriptive Statistics

		Judge 1 Link	Judge 1 Item DOK	Judge 1 Std DOK	Judge 2 Link	Judge 2 Item DOK	Judge 2 Std DOK	Judge 3 Link	Judge 3 Item DOK	Judge 3 Std DOK
N	Valid	235	93	234	235	94	235	234	94	235
	Missing	1	143	2	1	142	1	2	142	1
	Mean	2.49	2.81	3.34	2.71	2.41	3.14	2.57	2.39	3.17
	Median	3.00	3.00	3.00	3.00	2.00	3.00	3.00	2.00	3.00
	Mode	3	3	4	3	2	3	3	2	3
	Std. Deviation	.712	.696	.676	.616	.612	.741	.762	.491	.735

Frequency Tables

		Judge 1 Link			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	30	12.7	12.8	12.8
	2	60	25.4	25.5	38.3
	3	145	61.4	61.7	100.0
	Total	235	99.6	100.0	
Missing	System	1	.4		
Total		236	100.0		

		Judge 1 Item DOK			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	33	14.0	35.5	35.5
	3	45	19.1	48.4	83.9
	4	15	6.4	16.1	100.0
	Total	93	39.4	100.0	
Missing	System	143	60.6		
Total		236	100.0		

		Judge 1 Std DOK			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	.4	.4	.4
	2	24	10.2	10.3	10.7
	3	104	44.1	44.4	55.1
	4	105	44.5	44.9	100.0
	Total	234	99.2	100.0	
Missing	System	2	.8		
Total		236	100.0		

		Judge 2 Link			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	20	8.5	8.5	8.5
	2	29	12.3	12.3	20.9
	3	186	78.8	79.1	100.0
	Total	235	99.6	100.0	
Missing	System	1	.4		
Total		236	100.0		

Judge 2 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	4	1.7	4.3	4.3
	2	49	20.8	52.1	56.4
	3	39	16.5	41.5	97.9
	4	2	.8	2.1	100.0
	Total	94	39.8	100.0	
Missing	System	142	60.2		
Total		236	100.0		

Judge 2 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	50	21.2	21.3	21.3
	3	102	43.2	43.4	64.7
	4	83	35.2	35.3	100.0
	Total	235	99.6	100.0	
Missing	System	1	.4		
Total		236	100.0		

Judge 3 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	39	16.5	16.7	16.7
	2	22	9.3	9.4	26.1
	3	173	73.3	73.9	100.0
	Total	234	99.2	100.0	
Missing	System	2	.8		
Total		236	100.0		

Judge 3 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	57	24.2	60.6	60.6
	3	37	15.7	39.4	100.0
	Total	94	39.8	100.0	
Missing	System	142	60.2		
Total		236	100.0		

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	47	19.9	20.0	20.0
	3	102	43.2	43.4	63.4
	4	86	36.4	36.6	100.0
	Total	235	99.6	100.0	
Missing	System	1	.4		
Total		236	100.0		

Descriptive Statistics

		Link Consensus	Item DOK Consensus	Std DOK Consensus
N	Valid	25	7	25
	Missing	211	229	211
	Mean	2.48	2.43	3.08
	Median	3.00	2.00	3.00
	Mode	3	2	3
	Std. Deviation	.714	.535	.702

Frequency Tables

		Link Consensus			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	3	1.3	12.0	12.0
	2	7	3.0	28.0	40.0
	3	15	6.4	60.0	100.0
	Total	25	10.6	100.0	
Missing	System	211	89.4		
Total		236	100.0		

		Item DOK Consensus			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	4	1.7	57.1	57.1
	3	3	1.3	42.9	100.0
	Total	7	3.0	100.0	
Missing	System	229	97.0		
Total		236	100.0		

		Std DOK Consensus			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	5	2.1	20.0	20.0
	3	13	5.5	52.0	72.0
	4	7	3.0	28.0	100.0
	Total	25	10.6	100.0	
Missing	System	211	89.4		
Total		236	100.0		

Mathematics: High School

Descriptive Statistics

	Link Ag12	Link Ag23	Link Ag13	ItemDOK Ag12	ItemDOK Ag23	ItemDOK Ag13	StdDOK Ag12	StdDOK Ag23	StdDOK Ag13
N Valid	20	20	20	8	8	8	20	20	20
Missing				12	12	12			
Mean	1.514	1.507	1.353	1.488	1.186	1.352	1.254	1.134	1.233
Median	2.000	2.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Mode	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Std. Deviation	.5010	.5011	.4791	.5027	.3914	.4807	.4368	.3418	.4243

Frequency Tables

LnkAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	99	47.6	48.5	48.5
	2	105	50.5	51.5	100.0
	Total	204	98.1	100.0	
Missing	System	4	1.9		
Total		208	100.0		

LnkAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	99	47.6	49.3	49.3
	2	102	49.0	50.7	100.0
	Total	201	96.6	100.0	
Missing	System	7	3.4		
Total		208	100.0		

LnkAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	130	62.5	64.7	64.7
	2	71	34.1	35.3	100.0
	Total	201	96.6	100.0	
Missing	System	7	3.4		
Total		208	100.0		

ItmDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	45	21.6	51.1	51.1
	2	43	20.7	48.9	100.0
	Total	88	42.3	100.0	
Missing	System	120	57.7		
Total		208	100.0		

ItmDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	70	33.7	81.4	81.4
	2	16	7.7	18.6	100.0
	Total	86	41.3	100.0	
Missing	System	122	58.7		
Total		208	100.0		

ItmDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	55	26.4	64.7	64.7
	2	30	14.4	35.3	100.0
	Total	85	40.9	100.0	
Missing	System	123	59.1		
Total		208	100.0		

StdDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	152	73.1	74.5	74.5
	2	52	25.0	25.5	100.0
	Total	204	98.1	100.0	
Missing	System	4	1.9		
Total		208	100.0		

StdDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	174	83.7	86.6	86.6
	2	27	13.0	13.4	100.0
	Total	201	96.6	100.0	
Missing	System	7	3.4		
Total		208	100.0		

StdDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	154	74.0	76.6	76.6
	2	47	22.6	23.4	100.0
	Total	201	96.6	100.0	
Missing	System	7	3.4		
Total		208	100.0		

Descriptive Statistics

	Judge 1 Link	Judge 1 Item DOK	Judge 1 Std DOK	Judge 2 Link	Judge 2 Item DOK	Judge 2 Std DOK	Judge 3 Link	Judge 3 Item DOK	Judge 3 Std DOK
N Valid	205	89	205	204	89	204	201	86	202
Missing	3	119	3	4	119	4	7	122	6
Mean	2.63	2.49	3.28	2.13	2.52	3.24	2.45	2.48	3.25
Median	3.00	2.00	3.00	2.00	3.00	3.00	2.00	3.00	3.00
Mode	3	2	3	3	3	3	3	3	3
Std. Deviation	.512	.659	.591	.805	.586	.623	.574	.589	.645

Frequency Tables

		Judge 1 Link			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	3	1.4	1.5	1.5
	2	69	33.2	33.7	35.1
	3	133	63.9	64.9	100.0
	Total	205	98.6	100.0	
Missing	System	3	1.4		
Total		208	100.0		

		Judge 1 Item DOK			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	3	1.4	3.4	3.4
	2	44	21.2	49.4	52.8
	3	37	17.8	41.6	94.4
	4	5	2.4	5.6	100.0
	Total	89	42.8	100.0	
Missing	System	119	57.2		
Total		208	100.0		

		Judge 1 Std DOK			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	2	1.0	1.0	1.0
	2	9	4.3	4.4	5.4
	3	124	59.6	60.5	65.9
	4	70	33.7	34.1	100.0
	Total	205	98.6	100.0	
Missing	System	3	1.4		
Total		208	100.0		

		Judge 2 Link			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	54	26.0	26.5	26.5
	2	69	33.2	33.8	60.3
	3	81	38.9	39.7	100.0
	Total	204	98.1	100.0	
Missing	System	4	1.9		
Total		208	100.0		

Judge 2 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	4	1.9	4.5	4.5
	2	35	16.8	39.3	43.8
	3	50	24.0	56.2	100.0
	Total	89	42.8	100.0	
Missing	System	119	57.2		
Total		208	100.0		

Judge 2 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	2	1.0	1.0	1.0
	2	15	7.2	7.4	8.3
	3	120	57.7	58.8	67.2
	4	67	32.2	32.8	100.0
	Total	204	98.1	100.0	
Missing	System	4	1.9		
Total		208	100.0		

Judge 3 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	8	3.8	4.0	4.0
	2	94	45.2	46.8	50.7
	3	99	47.6	49.3	100.0
	Total	201	96.6	100.0	
Missing	System	7	3.4		
Total		208	100.0		

Judge 3 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	4	1.9	4.7	4.7
	2	37	17.8	43.0	47.7
	3	45	21.6	52.3	100.0
	Total	86	41.3	100.0	
Missing	System	122	58.7		
Total		208	100.0		

Judge 3 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	2	1.0	1.0	1.0
	2	17	8.2	8.4	9.4
	3	112	53.8	55.4	64.9
	4	71	34.1	35.1	100.0
	Total	202	97.1	100.0	
Missing	System	6	2.9		
Total		208	100.0		

Descriptive Statistics

	Link Consensus	Item DOK Consensus	Std DOK Consensus
N Valid	18	7	18
Missing	190	201	190
Mean	2.67	2.29	2.72
Median	3.00	2.00	3.00
Mode	3	2	3
Std. Deviation	.485	.488	.669

Frequency Tables

Link Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	6	2.9	33.3	33.3
	3	12	5.8	66.7	100.0
	Total	18	8.7	100.0	
Missing	System	190	91.3		
Total		208	100.0		

Item DOK Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	5	2.4	71.4	71.4
	3	2	1.0	28.6	100.0
	Total	7	3.4	100.0	
Missing	System	201	96.6		
Total		208	100.0		

Std DOK Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	7	3.4	38.9	38.9
	3	9	4.3	50.0	88.9
	4	2	1.0	11.1	100.0
	Total	18	8.7	100.0	
Missing	System	190	91.3		
Total		208	100.0		

Writing: Elementary

Descriptive Statistics

	Link Ag12	Link Ag23	Link Ag13	ItemDOK Ag12	ItemDOK Ag23	ItemDOK Ag13	StdDOK Ag12	StdDOK Ag23	StdDOK Ag13
N Valid	51	15	15	51	15	14	51	15	15
Missing	5	41	41	5	41	42	5	41	41
Mean	1.1765	1.2000	1.2000	1.7647	1.2667	1.7857	1.3333	1.1333	1.2000
Median	1.0000	1.0000	1.0000	2.0000	1.0000	2.0000	1.0000	1.0000	1.0000
Mode	1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	1.00
Std. Deviation	.38501	.41404	.41404	.42840	.45774	.42582	.47610	.35187	.41404

Frequency Tables

LnkAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	42	75.0	82.4	82.4
	2	9	16.1	17.6	100.0
	Total	51	91.1	100.0	
Missing	System	5	8.9		
Total		56	100.0		

LnkAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	12	21.4	80.0	80.0
	2	3	5.4	20.0	100.0
	Total	15	26.8	100.0	
Missing	System	41	73.2		
Total		56	100.0		

LnkAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	12	21.4	80.0	80.0
	2	3	5.4	20.0	100.0
	Total	15	26.8	100.0	
Missing	System	41	73.2		
Total		56	100.0		

ItmDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	12	21.4	23.5	23.5
	2	39	69.6	76.5	100.0
	Total	51	91.1	100.0	
Missing	System	5	8.9		
Total		56	100.0		

ItmDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	11	19.6	73.3	73.3
	2	4	7.1	26.7	100.0
	Total	15	26.8	100.0	
Missing	System	41	73.2		
Total		56	100.0		

ItmDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	3	5.4	21.4	21.4
	2	11	19.6	78.6	100.0
	Total	14	25.0	100.0	
Missing	System	42	75.0		
Total		56	100.0		

StdDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	34	60.7	66.7	66.7
	2	17	30.4	33.3	100.0
	Total	51	91.1	100.0	
Missing	System	5	8.9		
Total		56	100.0		

StdDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	13	23.2	86.7	86.7
	2	2	3.6	13.3	100.0
	Total	15	26.8	100.0	
Missing	System	41	73.2		
Total		56	100.0		

StdDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	12	21.4	80.0	80.0
	2	3	5.4	20.0	100.0
	Total	15	26.8	100.0	
Missing	System	41	73.2		
Total		56	100.0		

Descriptive Statistics

		Judge 1			Judge 2			Judge 3		
		Judge 1 Link	Item DOK	Judge 1 Std DOK	Judge 2 Link	Item DOK	Judge 2 Std DOK	Judge 3 Link	Item DOK	Judge 3 Std DOK
N	Valid	55	51	51	51	53	51	15	15	15
	Missing	1	5	5	5	3	5	41	41	41
	Mean	2.89	2.61	2.78	2.86	2.06	2.51	2.67	1.60	2.07
	Median	3.00	3.00	3.00	3.00	2.00	3.00	3.00	1.00	2.00
	Mode	3	2	3	3	2	3	3	1	1
	Std. Deviation	.315	.666	1.083	.448	.842	1.102	.617	.737	1.163

Frequency Tables

Judge 1 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2		6	10.7	10.9
	3		49	87.5	89.1
	Total		55	98.2	100.0
Missing	System		1	1.8	
Total			56	100.0	

Judge 1 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2		25	44.6	49.0
	3		21	37.5	41.2
	4		5	8.9	9.8
	Total		51	91.1	100.0
Missing	System		5	8.9	
Total			56	100.0	

Judge 1 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1		10	17.9	19.6
	2		6	10.7	11.8
	3		20	35.7	39.2
	4		15	26.8	29.4
	Total		51	91.1	100.0
Missing	System		5	8.9	
Total			56	100.0	

Judge 2 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1		2	3.6	3.9
	2		3	5.4	9.8
	3		46	82.1	90.2
	Total		51	91.1	100.0
Missing	System		5	8.9	
Total			56	100.0	

Judge 2 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	16	28.6	30.2	30.2
	2	19	33.9	35.8	66.0
	3	17	30.4	32.1	98.1
	4	1	1.8	1.9	100.0
	Total	53	94.6	100.0	
Missing	System	3	5.4		
Total		56	100.0		

Judge 2 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	14	25.0	27.5	27.5
	2	7	12.5	13.7	41.2
	3	20	35.7	39.2	80.4
	4	10	17.9	19.6	100.0
	Total	51	91.1	100.0	
Missing	System	5	8.9		
Total		56	100.0		

Judge 3 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	1.8	6.7	6.7
	2	3	5.4	20.0	26.7
	3	11	19.6	73.3	100.0
	Total	15	26.8	100.0	
Missing	System	41	73.2		
Total		56	100.0		

Judge 3 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	8	14.3	53.3	53.3
	2	5	8.9	33.3	86.7
	3	2	3.6	13.3	100.0
	Total	15	26.8	100.0	
Missing	System	41	73.2		
Total		56	100.0		

Judge 3 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	7	12.5	46.7	46.7
	2	2	3.6	13.3	60.0
	3	4	7.1	26.7	86.7
	4	2	3.6	13.3	100.0
	Total	15	26.8	100.0	
Missing	System	41	73.2		
Total		56	100.0		

Descriptive Statistics

		Link Consensus	Item DOK Consensus	Std DOK Consensus
N	Valid	0	0	0
	Missing	56	56	56

Frequency Tables

Link Consensus			
		Frequency	Percent
Missing	System	56	100.0

Std DOK Consensus			
		Frequency	Percent
Missing	System	56	100.0

Item DOK Consensus			
		Frequency	Percent
Missing	System	56	100.0

Writing: Middle School

Descriptive Statistics

		Link Ag12	Link Ag23	Link Ag13	ItemDOK Ag12	ItemDOK Ag23	ItemDOK Ag13	StdDOK Ag12	StdDOK Ag23	StdDOK Ag13
N	Valid	54	54	54	50	50	50	53	40	44
	Missing	9	9	9	13	13	13	10	23	19
	Mean	1.0556	1.0741	1.0185	1.4200	1.6200	1.5200	1.3962	1.3000	1.4318
	Median	1.0000	1.0000	1.0000	1.0000	2.0000	2.0000	1.0000	1.0000	1.0000
	Mode	1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00
	Std. Deviation	.23121	.26435	.13608	.49857	.49031	.50467	.49379	.46410	.50106

Frequency Tables

		LnkAg12			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	51	81.0	94.4	94.4
	2	3	4.8	5.6	100.0
	Total	54	85.7	100.0	
Missing	System	9	14.3		
Total		63	100.0		

		LnkAg23			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	50	79.4	92.6	92.6
	2	4	6.3	7.4	100.0
	Total	54	85.7	100.0	
Missing	System	9	14.3		
Total		63	100.0		

		LnkAg13			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	53	84.1	98.1	98.1
	2	1	1.6	1.9	100.0
	Total	54	85.7	100.0	
Missing	System	9	14.3		
Total		63	100.0		

		ItmDOKAg12			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	29	46.0	58.0	58.0
	2	21	33.3	42.0	100.0
	Total	50	79.4	100.0	
Missing	System	13	20.6		
Total		63	100.0		

ItmDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	19	30.2	38.0	38.0
	2	31	49.2	62.0	100.0
	Total	50	79.4	100.0	
Missing	System	13	20.6		
Total		63	100.0		

ItmDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	24	38.1	48.0	48.0
	2	26	41.3	52.0	100.0
	Total	50	79.4	100.0	
Missing	System	13	20.6		
Total		63	100.0		

StdDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	32	50.8	60.4	60.4
	2	21	33.3	39.6	100.0
	Total	53	84.1	100.0	
Missing	System	10	15.9		
Total		63	100.0		

StdDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	28	44.4	70.0	70.0
	2	12	19.0	30.0	100.0
	Total	40	63.5	100.0	
Missing	System	23	36.5		
Total		63	100.0		

StdDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	25	39.7	56.8	56.8
	2	19	30.2	43.2	100.0
	Total	44	69.8	100.0	
Missing	System	19	30.2		
Total		63	100.0		

Descriptive Statistics

		Judge 1 Link	Judge 1 Item DOK	Judge 1 Std DOK	Judge 2 Link	Judge 2 Item DOK	Judge 2 Std DOK	Judge 3 Link	Judge 3 Item DOK	Judge 3 Std DOK
N	Valid	62	50	62	55	51	53	54	50	44
	Missing	1	13	1	8	12	10	9	13	19
	Mean	3.00	2.50	2.77	2.95	2.35	2.98	2.96	2.98	3.14
	Median	3.00	2.00	3.00	3.00	2.00	3.00	3.00	3.00	3.00
	Mode	3	2	3	3	2	3	3	3	3
	Std. Deviation	.000	.678	.638	.229	.522	.930	.272	.685	.668

Frequency Tables

		Judge 1 Link			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	3	62	98.4	100.0	100.0
Missing	System	1	1.6		
Total		63	100.0		

		Judge 1 Item DOK			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	30	47.6	60.0	60.0
	3	15	23.8	30.0	90.0
	4	5	7.9	10.0	100.0
	Total	50	79.4	100.0	
Missing	System	13	20.6		
Total		63	100.0		

		Judge 1 Std DOK			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	21	33.3	33.9	33.9
	3	34	54.0	54.8	88.7
	4	7	11.1	11.3	100.0
	Total	62	98.4	100.0	
Missing	System	1	1.6		
Total		63	100.0		

		Judge 2 Link			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	3	4.8	5.5	5.5
	3	52	82.5	94.5	100.0
	Total	55	87.3	100.0	
Missing	System	8	12.7		
Total		63	100.0		

Judge 2 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	34	54.0	66.7	66.7
	3	16	25.4	31.4	98.0
	4	1	1.6	2.0	100.0
	Total	51	81.0	100.0	
Missing	System	12	19.0		
Total		63	100.0		

Judge 2 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	5	7.9	9.4	9.4
	2	8	12.7	15.1	24.5
	3	23	36.5	43.4	67.9
	4	17	27.0	32.1	100.0
	Total	53	84.1	100.0	
Missing	System	10	15.9		
Total		63	100.0		

Judge 3 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	1.6	1.9	1.9
	3	53	84.1	98.1	100.0
	Total	54	85.7	100.0	
Missing	System	9	14.3		
Total		63	100.0		

Judge 3 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	12	19.0	24.0	24.0
	3	27	42.9	54.0	78.0
	4	11	17.5	22.0	100.0
	Total	50	79.4	100.0	
Missing	System	13	20.6		
Total		63	100.0		

Judge 3 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	7	11.1	15.9	15.9
	3	24	38.1	54.5	70.5
	4	13	20.6	29.5	100.0
	Total	44	69.8	100.0	
Missing	System	19	30.2		
Total		63	100.0		

Descriptive Statistics

		Link Consensus	Item DOK Consensus	Std DOK Consensus
N	Valid	19	11	17
	Missing	44	52	46
	Mean	3.00	2.27	2.82
	Median	3.00	2.00	3.00
	Mode	3	2	3
	Std. Deviation	.000	.467	.728

Frequency Tables

		Link Consensus			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	3	19	30.2	100.0	100.0
Missing	System	44	69.8		
Total		63	100.0		

		Item DOK Consensus			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	8	12.7	72.7	72.7
	3	3	4.8	27.3	100.0
	Total	11	17.5	100.0	
Missing	System	52	82.5		
Total		63	100.0		

		Std DOK Consensus			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	6	9.5	35.3	35.3
	3	8	12.7	47.1	82.4
	4	3	4.8	17.6	100.0
	Total	17	27.0	100.0	
Missing	System	46	73.0		
Total		63	100.0		

Writing: High School

Descriptive Statistics

	Link Ag12	Link Ag23	Link Ag13	ItemDOK Ag12	ItemDOK Ag23	ItemDOK Ag13	StdDOK Ag12	StdDOK Ag23	StdDOK Ag13
N Valid	56	56	56	62	62	62	56	56	56
Missing	6	6	6	0	0	0	6	6	6
Mean	1.4821	1.3571	1.2679	1.3065	1.3548	1.1774	1.1071	1.1429	1.2143
Median	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Mode	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Std. Deviation	.50420	.48349	.44685	.46478	.48237	.38514	.31209	.35309	.41404

Frequency Tables

LnkAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	29	46.8	51.8	51.8
	2	27	43.5	48.2	100.0
	Total	56	90.3	100.0	
Missing	System	6	9.7		
Total		62	100.0		

LnkAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	36	58.1	64.3	64.3
	2	20	32.3	35.7	100.0
	Total	56	90.3	100.0	
Missing	System	6	9.7		
Total		62	100.0		

LnkAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	41	66.1	73.2	73.2
	2	15	24.2	26.8	100.0
	Total	56	90.3	100.0	
Missing	System	6	9.7		
Total		62	100.0		

ItmDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	43	69.4	69.4	69.4
	2	19	30.6	30.6	100.0
	Total	62	100.0	100.0	

ItmDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	40	64.5	64.5	64.5
	2	22	35.5	35.5	100.0
	Total	62	100.0	100.0	

ItmDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	51	82.3	82.3	82.3
	2	11	17.7	17.7	100.0
Total		62	100.0	100.0	

StdDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	50	80.6	89.3	89.3
	2	6	9.7	10.7	100.0
	Total	56	90.3	100.0	
Missing	System	6	9.7		
Total		62	100.0		

StdDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	48	77.4	85.7	85.7
	2	8	12.9	14.3	100.0
	Total	56	90.3	100.0	
Missing	System	6	9.7		
Total		62	100.0		

StdDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	44	71.0	78.6	78.6
	2	12	19.4	21.4	100.0
	Total	56	90.3	100.0	
Missing	System	6	9.7		
Total		62	100.0		

Descriptive Statistics

		Judge 1		Judge 2			Judge 3			
		Judge 1 Link	Item DOK	Judge 1 Std DOK	Judge 2 Link	Judge 2 Item DOK	Std DOK	Judge 3 Link	Item DOK	Judge 3 Std DOK
N	Valid	56	62	56	56	62	56	56	62	56
	Missing	6	0	6	6	0	6	6	0	6
	Mean	2.73	2.68	3.32	2.68	2.50	3.25	2.91	2.79	3.32
	Median	3.00	3.00	4.00	3.00	3.00	4.00	3.00	3.00	4.00
	Mode	3	3	4	3	3	4	3	3	4
	Std. Deviation	.486	1.004	1.011	.508	.864	.977	.288	1.058	.811

Frequency Tables

Judge 1 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	1.6	1.8	1.8
	2	13	21.0	23.2	25.0
	3	42	67.7	75.0	100.0
	Total	56	90.3	100.0	
Missing	System	6	9.7		
Total		62	100.0		

Judge 1 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	10	16.1	16.1	16.1
	2	14	22.6	22.6	38.7
	3	24	38.7	38.7	77.4
	4	14	22.6	22.6	100.0
	Total	62	100.0	100.0	

Judge 1 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	5	8.1	8.9	8.9
	2	7	11.3	12.5	21.4
	3	9	14.5	16.1	37.5
	4	35	56.5	62.5	100.0
	Total	56	90.3	100.0	
Missing	System	6	9.7		
Total		62	100.0		

Judge 2 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	1.6	1.8	1.8
	2	16	25.8	28.6	30.4
	3	39	62.9	69.6	100.0
	Total	56	90.3	100.0	
Missing	System	6	9.7		
Total		62	100.0		

Judge 2 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	10	16.1	16.1	16.1
	2	16	25.8	25.8	41.9
	3	31	50.0	50.0	91.9
	4	5	8.1	8.1	100.0
	Total	62	100.0	100.0	

Judge 2 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	5	8.1	8.9	8.9
	2	6	9.7	10.7	19.6
	3	15	24.2	26.8	46.4
	4	30	48.4	53.6	100.0
	Total	56	90.3	100.0	
Missing	System	6	9.7		
Total		62	100.0		

Judge 3 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	5	8.1	8.9	8.9
	3	51	82.3	91.1	100.0
	Total	56	90.3	100.0	
Missing	System	6	9.7		
Total		62	100.0		

Judge 3 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	10	16.1	16.1	16.1
	2	12	19.4	19.4	35.5
	3	21	33.9	33.9	69.4
	4	19	30.6	30.6	100.0
	Total	62	100.0	100.0	

Judge 3 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	12	19.4	21.4	21.4
	3	14	22.6	25.0	46.4
	4	30	48.4	53.6	100.0
	Total	56	90.3	100.0	
Missing	System	6	9.7		
Total		62	100.0		

Descriptive Statistics

		Link Consensus	Item DOK Consensus	Std DOK Consensus
N	Valid	20	20	20
	Missing	42	42	42
	Mean	2.90	2.00	2.60
	Median	3.00	1.50	2.00
	Mode	3	1	4
	Std. Deviation	.308	1.214	1.273

Frequency Tables

Link Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	2	3.2	10.0	10.0
	3	18	29.0	90.0	100.0
Total		20	32.3	100.0	
Missing	System	42	67.7		
Total		62	100.0		

Item DOK Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	10	16.1	50.0	50.0
	2	4	6.5	20.0	70.0
	3	2	3.2	10.0	80.0
	4	4	6.5	20.0	100.0
	Total	20	32.3	100.0	
Missing	System	42	67.7		
Total		62	100.0		

Std DOK Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	5	8.1	25.0	25.0
	2	6	9.7	30.0	55.0
	3	1	1.6	5.0	60.0
	4	8	12.9	40.0	100.0
	Total	20	32.3	100.0	
Missing	System	42	67.7		
Total		62	100.0		

Science: Elementary School

Descriptive Statistics

	Link Ag12	Link Ag23	Link Ag13	ItemDOK Ag12	ItemDOK Ag23	ItemDOK Ag13	StdDOK Ag12	StdDOK Ag23	StdDOK Ag13
N Valid	71	23	23	50	17	17	71	23	23
Missing	0	48	48	21	54	54	0	48	48
Mean	1.18	1.04	1.22	1.16	1.06	1.24	1.13	1.00	1.17
Median	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Mode	1	1	1	1	1	1	1	1	1
Std. Deviation	.390	.209	.422	.370	.243	.437	.335	.000	.388

Frequency Tables

LnkAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	58	81.7	81.7	81.7
	2	13	18.3	18.3	100.0
Total		71	100.0	100.0	

LnkAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	22	31.0	95.7	95.7
	2	1	1.4	4.3	100.0
	Total	23	32.4	100.0	
Missing	System	48	67.6		
Total		71	100.0		

LnkAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	18	25.4	78.3	78.3
	2	5	7.0	21.7	100.0
	Total	23	32.4	100.0	
Missing	System	48	67.6		
Total		71	100.0		

ItmDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	42	59.2	84.0	84.0
	2	8	11.3	16.0	100.0
	Total	50	70.4	100.0	
Missing	System	21	29.6		
Total		71	100.0		

ItmDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	16	22.5	94.1	94.1
	2	1	1.4	5.9	100.0
	Total	17	23.9	100.0	
Missing	System	54	76.1		
Total		71	100.0		

ItmDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	13	18.3	76.5	76.5
	2	4	5.6	23.5	100.0
	Total	17	23.9	100.0	
Missing	System	54	76.1		
Total		71	100.0		

StdDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	62	87.3	87.3	87.3
	2	9	12.7	12.7	100.0
	Total	71	100.0	100.0	

StdDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	23	32.4	100.0	100.0
Missing	System	48	67.6		
Total		71	100.0		

StdDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	19	26.8	82.6	82.6
	2	4	5.6	17.4	100.0
	Total	23	32.4	100.0	
Missing	System	48	67.6		
Total		71	100.0		

Descriptive Statistics

		Judge 1 Link	Judge 1 Item DOK	Judge 1 Std DOK	Judge 2 Link	Judge 2 Item DOK	Judge 2 Std DOK	Judge 3 Link	Judge 3 Item DOK	Judge 3 Std DOK
N	Valid	71	50	71	71	50	71	23	17	23
	Missing	0	21	0	0	21	0	48	54	48
	Mean	2.87	2.48	2.45	2.89	2.56	2.52	2.83	2.29	2.52
	Median	3.00	2.00	2.00	3.00	3.00	2.00	3.00	2.00	2.00
	Mode	3	2	2	3	3	2	3	2	2
	Std. Deviation	.335	.677	.842	.361	.644	.939	.491	.686	.790

Frequency Tables

Judge 1 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	9	12.7	12.7	12.7
	3	62	87.3	87.3	100.0
Total		71	100.0	100.0	

Judge 1 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	2	2.8	4.0	4.0
	2	25	35.2	50.0	54.0
	3	20	28.2	40.0	94.0
	4	3	4.2	6.0	100.0
	Total	50	70.4	100.0	
Missing	System	21	29.6		
Total		71	100.0		

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	4	5.6	5.6	5.6
	2	43	60.6	60.6	66.2
	3	12	16.9	16.9	83.1
	4	12	16.9	16.9	100.0
	Total	71	100.0	100.0	

Judge 2 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	1.4	1.4	1.4
	2	6	8.5	8.5	9.9
	3	64	90.1	90.1	100.0
	Total	71	100.0	100.0	

Judge 2 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	2	2.8	4.0	4.0
	2	20	28.2	40.0	44.0
	3	26	36.6	52.0	96.0
	4	2	2.8	4.0	100.0
	Total	50	70.4	100.0	
Missing	System	21	29.6		
Total		71	100.0		

Judge 2 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	6	8.5	8.5	8.5
	2	38	53.5	53.5	62.0
	3	11	15.5	15.5	77.5
	4	16	22.5	22.5	100.0
	Total	71	100.0	100.0	

Judge 3 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	1.4	4.3	4.3
	2	2	2.8	8.7	13.0
	3	20	28.2	87.0	100.0
	Total	23	32.4	100.0	
Missing	System	48	67.6		
Total		71	100.0		

Judge 3 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	2	2.8	11.8	11.8
	2	8	11.3	47.1	58.8
	3	7	9.9	41.2	100.0
	Total	17	23.9	100.0	
Missing	System	54	76.1		
Total		71	100.0		

Judge 3 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	15	21.1	65.2	65.2
	3	4	5.6	17.4	82.6
	4	4	5.6	17.4	100.0
	Total	23	32.4	100.0	
Missing	System	48	67.6		
Total		71	100.0		

Descriptive Statistics

		Link Consensus	Item DOK Consensus	Std DOK Consensus
N	Valid	0	0	0
	Missing	71	71	71

Frequency Tables

Link Consensus			
		Frequency	Percent
Missing	System	71	100.0

Item DOK Consensus			
		Frequency	Percent
Missing	System	71	100.0

Std DOK Consensus			
		Frequency	Percent
Missing	System	71	100.0

Science: Middle School

Descriptive Statistics

	Link Ag12	Link Ag23	Link Ag13	ItemDOK Ag12	ItemDOK Ag23	ItemDOK Ag13	StdDOK Ag12	StdDOK Ag23	StdDOK Ag13
N Valid	59	17	17	50	12	12	59	17	17
Missing	0	42	42	9	47	47	0	42	42
Mean	1.42	1.24	1.18	1.32	1.08	1.17	1.31	1.24	1.24
Median	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Mode	1	1	1	1	1	1	1	1	1
Std. Deviation	.498	.437	.393	.471	.289	.389	.464	.437	.437

Frequency Tables

LnkAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	34	57.6	57.6	57.6
	2	25	42.4	42.4	100.0
Total		59	100.0	100.0	

LnkAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	13	22.0	76.5	76.5
	2	4	6.8	23.5	100.0
	Total	17	28.8	100.0	
Missing	System	42	71.2		
Total		59	100.0		

LnkAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	14	23.7	82.4	82.4
	2	3	5.1	17.6	100.0
	Total	17	28.8	100.0	
Missing	System	42	71.2		
Total		59	100.0		

ItmDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	34	57.6	68.0	68.0
	2	16	27.1	32.0	100.0
	Total	50	84.7	100.0	
Missing	System	9	15.3		
Total		59	100.0		

ItmDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	11	18.6	91.7	91.7
	2	1	1.7	8.3	100.0
	Total	12	20.3	100.0	
Missing	System	47	79.7		
Total		59	100.0		

ItmDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	10	16.9	83.3	83.3
	2	2	3.4	16.7	100.0
	Total	12	20.3	100.0	
Missing	System	47	79.7		
Total		59	100.0		

StdDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	41	69.5	69.5	69.5
	2	18	30.5	30.5	100.0
	Total	59	100.0	100.0	
Total		59	100.0		

tdDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	13	22.0	76.5	76.5
	2	4	6.8	23.5	100.0
	Total	17	28.8	100.0	
Missing	System	42	71.2		
Total		59	100.0		

StdDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	13	22.0	76.5	76.5
	2	4	6.8	23.5	100.0
	Total	17	28.8	100.0	
Missing	System	42	71.2		
Total		59	100.0		

Descriptive Statistics

		Judge 1 Link	Judge 1 Item DOK	Judge 1 Std DOK	Judge 2 Link	Judge 2 Item DOK	Judge 2 Std DOK	Judge 3 Link	Judge 3 Item DOK	Judge 3 Std DOK
N	Valid	59	50	59	59	50	59	17	12	17
	Missing	0	9	0	0	9	0	42	47	42
	Mean	2.49	2.58	2.61	2.73	2.54	2.64	2.71	2.33	2.47
	Median	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	2.00
	Mode	3	3	3	3	3	3	3	2	2
	Std. Deviation	.653	.538	.526	.448	.503	.483	.470	.492	.514

Frequency Tables

Judge 1 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	5	8.5	8.5	8.5
	2	20	33.9	33.9	42.4
	3	34	57.6	57.6	100.0
	Total	59	100.0	100.0	

Judge 1 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	22	37.3	44.0	44.0
	3	27	45.8	54.0	98.0
	4	1	1.7	2.0	100.0
	Total	50	84.7	100.0	
Missing	System	9	15.3		
	Total	59	100.0		

Judge 1 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	24	40.7	40.7	40.7
	3	34	57.6	57.6	98.3
	4	1	1.7	1.7	100.0
	Total	59	100.0	100.0	

Judge 2 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	16	27.1	27.1	27.1
	3	43	72.9	72.9	100.0
	Total	59	100.0	100.0	

Judge 2 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	23	39.0	46.0	46.0
	3	27	45.8	54.0	100.0
	Total	50	84.7	100.0	
Missing	System	9	15.3		
	Total	59	100.0		

Judge 2 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	21	35.6	35.6	35.6
	3	38	64.4	64.4	100.0
	Total	59	100.0	100.0	

Judge 3 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	5	8.5	29.4	29.4
	3	12	20.3	70.6	100.0
	Total	17	28.8	100.0	
Missing	System	42	71.2		
Total		59	100.0		

Judge 3 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	8	13.6	66.7	66.7
	3	4	6.8	33.3	100.0
	Total	12	20.3	100.0	
Missing	System	47	79.7		
Total		59	100.0		

Judge 3 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	9	15.3	52.9	52.9
	3	8	13.6	47.1	100.0
	Total	17	28.8	100.0	
Missing	System	42	71.2		
Total		59	100.0		

Descriptive Statistics

		Link Consensus	Item DOK Consensus	Std DOK Consensus
N	Valid	0	0	0
	Missing	59	59	59

Frequency Tables

Link Consensus			
		Frequency	Percent
Missing	System	59	100.0

Item DOK Consensus			
		Frequency	Percent
Missing	System	59	100.0

Std DOK Consensus			
		Frequency	Percent
Missing	System	59	100.0

Science: High School

Descriptive Statistics

	Link Ag12	Link Ag23	Link Ag13	ItemDO K Ag12	ItemDOK Ag23	ItemDO K Ag13	StdDOK Ag12	StdDOK Ag23	StdDOK Ag13
N Valid	59	17	17	50	12	12	59	17	17
Missing	0	42	42	9	47	47	0	42	42
Mean	1.4237	1.2353	1.1765	1.3200	1.0833	1.1667	1.3051	1.2353	1.2353
Median	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Mode	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Std. Deviation	.49839	.43724	.39295	.47121	.28868	.38925	.46440	.43724	.43724

Frequency Tables

		LnkAg12			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	34	57.6	57.6	57.6
	2	25	42.4	42.4	100.0
Total		59	100.0	100.0	

		LnkAg23			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	13	22.0	76.5	76.5
	2	4	6.8	23.5	100.0
	Total	17	28.8	100.0	
Missing	System	42	71.2		
Total		59	100.0		

		LnkAg13			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	14	23.7	82.4	82.4
	2	3	5.1	17.6	100.0
	Total	17	28.8	100.0	
Missing	System	42	71.2		
Total		59	100.0		

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	34	57.6	68.0	68.0
	2	16	27.1	32.0	100.0
	Total	50	84.7	100.0	
Missing	System	9	15.3		
Total		59	100.0		

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	11	18.6	91.7	91.7
	2	1	1.7	8.3	100.0
	Total	12	20.3	100.0	
Missing	System	47	79.7		
Total		59	100.0		

ItmDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	10	16.9	83.3	83.3
	2	2	3.4	16.7	100.0
	Total	12	20.3	100.0	
Missing	System	47	79.7		
Total		59	100.0		

StdDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	41	69.5	69.5	69.5
	2	18	30.5	30.5	100.0
	Total	59	100.0	100.0	

StdDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	13	22.0	76.5	76.5
	2	4	6.8	23.5	100.0
	Total	17	28.8	100.0	
Missing	System	42	71.2		
Total		59	100.0		

StdDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	13	22.0	76.5	76.5
	2	4	6.8	23.5	100.0
	Total	17	28.8	100.0	
Missing	System	42	71.2		
Total		59	100.0		

Descriptive Statistics

		Judge 1						Judge 3		
		Judge 1 Link	Item DOK	Judge 1 Std DOK	Judge 2 Link	Judge 2 Item DOK	Judge 2 Std DOK	Judge 3 Link	Item DOK	Judge 3 Std DOK
N	Valid	59	50	59	59	50	59	17	12	17
	Missing	0	9	0	0	9	0	42	47	42
	Mean	2.49	2.58	2.61	2.73	2.54	2.64	2.71	2.33	2.47
	Median	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	2.00
	Mode	3	3	3	3	3	3	3	2	2
	Std. Deviation	.653	.538	.526	.448	.503	.483	.470	.492	.514

Frequency Tables

Judge 1 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	5	8.5	8.5	8.5
	2	20	33.9	33.9	42.4
	3	34	57.6	57.6	100.0
	Total	59	100.0	100.0	

Judge 1 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	22	37.3	44.0	44.0
	3	27	45.8	54.0	98.0
	4	1	1.7	2.0	100.0
	Total	50	84.7	100.0	
Missing	System	9	15.3		
Total		59	100.0		

Judge 1 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	24	40.7	40.7	40.7
	3	34	57.6	57.6	98.3
	4	1	1.7	1.7	100.0
	Total	59	100.0	100.0	

Judge 2 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	16	27.1	27.1	27.1
	3	43	72.9	72.9	100.0
	Total	59	100.0	100.0	

Judge 2 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	23	39.0	46.0	46.0
	3	27	45.8	54.0	100.0
	Total	50	84.7	100.0	
Missing	System	9	15.3		
Total		59	100.0		

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	21	35.6	35.6	35.6
	3	38	64.4	64.4	100.0
	Total	59	100.0	100.0	

Judge 3 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	5	8.5	29.4	29.4
	3	12	20.3	70.6	100.0
	Total	17	28.8	100.0	
Missing	System	42	71.2		
Total		59	100.0		

Judge 3 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	8	13.6	66.7	66.7
	3	4	6.8	33.3	100.0
	Total	12	20.3	100.0	
Missing	System	47	79.7		
Total		59	100.0		

Judge 3 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	9	15.3	52.9	52.9
	3	8	13.6	47.1	100.0
	Total	17	28.8	100.0	
Missing	System	42	71.2		
Total		59	100.0		

Descriptive Statistics

		Link Consensus	Item DOK Consensus	Std DOK Consensus
N	Valid	0	0	0
	Missing	59	59	59

Frequency Tables

Link Consensus			
		Frequency	Percent
Missing	System	59	100.0

Item DOK Consensus			
		Frequency	Percent
Missing	System	59	100.0

Std DOK Consensus			
		Frequency	Percent
Missing	System	59	100.0

Reading: Elementary School

Descriptive Statistics

		Link12	Link23	Link13
N	Valid	128	136	133
	Missing	46	38	41

Frequency Tables

		LinkAg12			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	128	73.6	100.0	100.0
Missing	System	46	26.4		
Total		174	100.0		

		LinkAg23			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	136	78.2	100.0	100.0
Missing	System	38	21.8		
Total		174	100.0		

		LinkAg13			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	133	76.4	100.0	100.0
Missing	System	41	23.6		
Total		174	100.0		

Descriptive Statistics

		Item12	Item23	Item13
N	Valid	47	46	47
	Missing	127	128	127

Frequency Tables

		Item12			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	47	27.0	100.0	100.0
Missing	System	127	73.0		
Total		174	100.0		

Item23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	46	26.4	100.0	100.0
Missing	System	128	73.6		
Total		174	100.0		

Item13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	47	27.0	100.0	100.0
Missing	System	127	73.0		
Total		174	100.0		

Descriptive Statistics

		Item12	Item23	Item13
N	Valid	47	46	47
	Missing	127	128	127

Frequency Tables

Item12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	47	27.0	100.0	100.0
Missing	System	127	73.0		
Total		174	100.0		

Item23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	46	26.4	100.0	100.0
Missing	System	128	73.6		
Total		174	100.0		

Item13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	47	27.0	100.0	100.0
Missing	System	127	73.0		
Total		174	100.0		

Descriptive Statistics

	Link Ag12	Link Ag23	Link Ag13	Item DOKAg1 2	Item DOKAg2 3	Item DOKAg1 3	Std DOKAg1 2	Std DOKAg2 3	Std DOKAg1 3
N Valid	143	143	143	50	50	50	135	136	141
Missing	31	31	31	124	124	124	39	38	33
Mean	1.10	1.05	1.07	1.06	1.08	1.06	1.33	1.12	1.36
Median	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Mode	1	1	1	1	1	1	1	1	1
Std. Deviation	.307	.217	.256	.240	.274	.240	.473	.323	.482

Frequency Tables

		LnkAg12			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	128	73.6	89.5	89.5
	2	15	8.6	10.5	100.0
	Total	143	82.2	100.0	
Missing	System	31	17.8		
Total		174	100.0		

		LnkAg23			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	136	78.2	95.1	95.1
	2	7	4.0	4.9	100.0
	Total	143	82.2	100.0	
Missing	System	31	17.8		
Total		174	100.0		

		LnkAg13			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	133	76.4	93.0	93.0
	2	10	5.7	7.0	100.0
	Total	143	82.2	100.0	
Missing	System	31	17.8		
Total		174	100.0		

		ItmDOKAg12			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	47	27.0	94.0	94.0
	2	3	1.7	6.0	100.0
	Total	50	28.7	100.0	
Missing	System	124	71.3		
Total		174	100.0		

		ItmDOKAg23			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	46	26.4	92.0	92.0
	2	4	2.3	8.0	100.0
	Total	50	28.7	100.0	
Missing	System	124	71.3		
Total		174	100.0		

		ItmDOKAg13			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	47	27.0	94.0	94.0
	2	3	1.7	6.0	100.0
	Total	50	28.7	100.0	
Missing	System	124	71.3		
Total		174	100.0		

StdDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	90	51.7	66.7	66.7
	2	45	25.9	33.3	100.0
	Total	135	77.6	100.0	
Missing	System	39	22.4		
Total		174	100.0		

StdDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	120	69.0	88.2	88.2
	2	16	9.2	11.8	100.0
	Total	136	78.2	100.0	
Missing	System	38	21.8		
Total		174	100.0		

StdDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	90	51.7	63.8	63.8
	2	51	29.3	36.2	100.0
	Total	141	81.0	100.0	
Missing	System	33	19.0		
Total		174	100.0		

Descriptive Statistics

		LinkStd d_J1	ItemDO K_J1	StdDOK _J1	LinkStd _J2	ItemDOK _J2	StdDOK _J2	LinkStd _J3	ItemDO K_J3	StdDOK _J3
N	Valid	143	50	141	143	50	136	143	50	143
	Missing	31	124	33	31	124	38	31	124	31
	Mean	2.86	2.16	2.69	2.90	2.18	2.79	2.87	2.22	2.85
	Median	3.00	2.00	3.00	3.00	2.00	3.00	3.00	2.00	3.00
	Mode	3	2	2	3	2	3	3	2	3
	Std. Deviation	.421	.370	.698	.298	.388	.572	.341	.418	.494

Frequency Tables

LinkStd_J1					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	4	2.3	2.8	2.8
	2	12	6.9	8.4	11.2
	3	127	73.0	88.8	100.0
	Total	143	82.2	100.0	
Missing	System	31	17.8		
Total		174	100.0		

		ItemDOK_J1			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	42	24.1	84.0	84.0
	3	8	4.6	16.0	100.0
	Total	50	28.7	100.0	
Missing	System	124	71.3		
Total		174	100.0		

		StdDOK_J1			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	63	36.2	44.7	44.7
	3	59	33.9	41.8	86.5
	4	19	10.9	13.5	100.0
	Total	141	81.0	100.0	
Missing	System	33	19.0		
Total		174	100.0		

		LinkStd_J2			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	14	8.0	9.8	9.8
	3	129	74.1	90.2	100.0
	Total	143	82.2	100.0	
Missing	System	31	17.8		
Total		174	100.0		

		ItemDOK_J2			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	41	23.6	82.0	82.0
	3	9	5.2	18.0	100.0
	Total	50	28.7	100.0	
Missing	System	124	71.3		
Total		174	100.0		

		StdDOK_J2			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	39	22.4	28.7	28.7
	3	86	49.4	63.2	91.9
	4	11	6.3	8.1	100.0
	Total	136	78.2	100.0	
Missing	System	38	21.8		
Total		174	100.0		

		LinkStd_J3			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	19	10.9	13.3	13.3
	3	124	71.3	86.7	100.0
	Total	143	82.2	100.0	
Missing	System	31	17.8		
Total		174	100.0		

ItemDOK_J3					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	39	22.4	78.0	78.0
	3	11	6.3	22.0	100.0
	Total	50	28.7	100.0	
Missing	System	124	71.3		
Total		174	100.0		

StdDOK_J3					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	30	17.2	21.0	21.0
	3	105	60.3	73.4	94.4
	4	8	4.6	5.6	100.0
	Total	143	82.2	100.0	
Missing	System	31	17.8		
Total		174	100.0		

Descriptive Statistics

		Link Consensus	Item DOK Consensus	Std DOK Consensus
N	Valid	48	42	49
	Missing	126	132	125
	Mean	2.65	1.40	2.29
	Median	3.00	1.00	2.00
	Mode	3	1	2
	Std. Deviation	.483	.544	.540

Frequency Tables

Link Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	17	9.8	35.4	35.4
	3	31	17.8	64.6	100.0
	Total	48	27.6	100.0	
Missing	System	126	72.4		
Total		174	100.0		

Item DOK Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	26	14.9	61.9	61.9
	2	15	8.6	35.7	97.6
	3	1	.6	2.4	100.0
	Total	42	24.1	100.0	
Missing	System	132	75.9		
Total		174	100.0		

		Std DOK Consensus			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	37	21.3	75.5	75.5
	3	10	5.7	20.4	95.9
	4	2	1.1	4.1	100.0
	Total	49	28.2	100.0	
Missing	System	125	71.8		
Total		174	100.0		

Reading: Middle School

Descriptive Statistics

	Link Ag12	Link Ag23	Link Ag13	ItemDOK Ag12	ItemDOK Ag23	ItemDOK Ag13	StdDOK Ag12	StdDOK Ag23	StdDOK Ag13
N Valid	147	147	148	49	49	50	148	148	148
Missing	1	1	0	99	99	98	0	0	0
Mean	1.0952	1.0680	1.1351	1.2857	1.2041	1.1200	1.2095	1.2162	1.1689
Median	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Mode	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Std. Deviation	.29455	.25265	.34303	.45644	.40721	.32826	.40830	.41306	.37595

Frequency Tables

LnkAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	133	89.9	90.5	90.5
	2	14	9.5	9.5	100.0
	Total	147	99.3	100.0	
Missing	System	1	.7		
Total		148	100.0		

LnkAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	137	92.6	93.2	93.2
	2	10	6.8	6.8	100.0
	Total	147	99.3	100.0	
Missing	System	1	.7		
Total		148	100.0		

LnkAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	128	86.5	86.5	86.5
	2	20	13.5	13.5	100.0
	Total	148	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	35	23.6	71.4	71.4
	2	14	9.5	28.6	100.0
	Total	49	33.1	100.0	
Missing	System	99	66.9		
Total		148	100.0		

ItmDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	39	26.4	79.6	79.6
	2	10	6.8	20.4	100.0
	Total	49	33.1	100.0	
Missing	System	99	66.9		
Total		148	100.0		

ItmDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	44	29.7	88.0	88.0
	2	6	4.1	12.0	100.0
	Total	50	33.8	100.0	
Missing	System	98	66.2		
Total		148	100.0		

StdDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	117	79.1	79.1	79.1
	2	31	20.9	20.9	100.0
	Total	148	100.0	100.0	

StdDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	116	78.4	78.4	78.4
	2	32	21.6	21.6	100.0
	Total	148	100.0	100.0	

StdDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	123	83.1	83.1	83.1
	2	25	16.9	16.9	100.0
	Total	148	100.0	100.0	

Descriptive Statistics

		Judge 1 Link	Judge 1 Item DOK	Judge 1 Std DOK	Judge 2 Link	Judge 2 Item DOK	Judge 2 Std DOK	Judge 3 Link	Judge 3 Item DOK	Judge 3 Std DOK
N	Valid	148	50	148	147	49	148	148	50	148
	Missing	0	98	0	1	99	0	0	98	0
	Mean	2.86	2.18	2.86	2.95	2.47	3.01	2.97	2.30	2.85
	Median	3.00	2.00	3.00	3.00	2.00	3.00	3.00	2.00	3.00
	Mode	3	2	3	3	2	3	3	2	3
	Std. Deviation	.404	.388	.547	.214	.504	.547	.181	.463	.393

Frequency Tables

Judge 1 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	3	2.0	2.0	2.0
	2	15	10.1	10.1	12.2
	3	130	87.8	87.8	100.0
	Total	148	100.0	100.0	

Judge 1 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	41	27.7	82.0	82.0
	3	9	6.1	18.0	100.0
	Total	50	33.8	100.0	
Missing	System	98	66.2		
Total		148	100.0		

Judge 1 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	34	23.0	23.0	23.0
	3	101	68.2	68.2	91.2
	4	13	8.8	8.8	100.0
	Total	148	100.0	100.0	

Judge 2 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	7	4.7	4.8	4.8
	3	140	94.6	95.2	100.0
	Total	147	99.3	100.0	
Missing	System	1	.7		
Total		148	100.0		

Judge 2 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	26	17.6	53.1	53.1
	3	23	15.5	46.9	100.0
	Total	49	33.1	100.0	
Missing	System	99	66.9		
Total		148	100.0		

Judge 2 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	21	14.2	14.2	14.2
	3	104	70.3	70.3	84.5
	4	23	15.5	15.5	100.0
	Total	148	100.0	100.0	

Judge 3 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	5	3.4	3.4	3.4
	3	143	96.6	96.6	100.0
	Total	148	100.0	100.0	

Judge 3 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	35	23.6	70.0	70.0
	3	15	10.1	30.0	100.0
	Total	50	33.8	100.0	
Missing	System	98	66.2		
Total		148	100.0		

Judge 3 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	24	16.2	16.2	16.2
	3	122	82.4	82.4	98.6
	4	2	1.4	1.4	100.0
	Total	148	100.0	100.0	

Descriptive Statistics

		Link Consensus	Item DOK Consensus	Std DOK Consensus
N	Valid	15	6	15
	Missing	133	142	133
	Mean	3.00	2.00	2.27
	Median	3.00	2.00	2.00
	Mode	3	2	2
	Std. Deviation	.000	.000	.458

Frequency Tables

Link Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	3	15	10.1	100.0	100.0
Missing	System	133	89.9		
Total		148	100.0		

Item DOK Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	6	4.1	100.0	100.0
Missing	System	142	95.9		
Total		148	100.0		

Std DOK Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	11	7.4	73.3	73.3
	3	4	2.7	26.7	100.0
	Total	15	10.1	100.0	
Missing	System	133	89.9		
Total		148	100.0		

Reading: High School**Descriptive Statistics**

		Link Ag12	Link Ag23	Link Ag13	ItemDOK Ag12	ItemDOK Ag23	ItemDOK Ag13	StdDOK Ag12	StdDOK Ag23	StdDOK Ag13
N	Valid	146	147	146	50	49	49	147	147	147
	Missing	1	0	1	97	98	98	0	0	0
	Mean	1.05	1.10	1.08	1.48	1.43	1.33	1.14	1.07	1.13
	Median	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Mode	1	1	1	1	1	1	1	1	1
	Std. Deviation	.228	.304	.265	.505	.500	.474	.351	.253	.337

Frequency Tables

LnkAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	138	93.9	94.5	94.5
	2	8	5.4	5.5	100.0
	Total	146	99.3	100.0	
Missing	System	1	.7		
Total		147	100.0		

LnkAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	132	89.8	89.8	89.8
	2	15	10.2	10.2	100.0
	Total	147	100.0	100.0	

LnkAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	135	91.8	92.5	92.5
	2	11	7.5	7.5	100.0
	Total	146	99.3	100.0	
Missing	System	1	.7		
Total		147	100.0		

ItmDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	26	17.7	52.0	52.0
	2	24	16.3	48.0	100.0
	Total	50	34.0	100.0	
Missing	System	97	66.0		
Total		147	100.0		

ItmDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	28	19.0	57.1	57.1
	2	21	14.3	42.9	100.0
	Total	49	33.3	100.0	
Missing	System	98	66.7		
Total		147	100.0		

ItmDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	33	22.4	67.3	67.3
	2	16	10.9	32.7	100.0
	Total	49	33.3	100.0	
Missing	System	98	66.7		
Total		147	100.0		

StdDOKAg12					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	126	85.7	85.7	85.7
	2	21	14.3	14.3	100.0
	Total	147	100.0	100.0	

StdDOKAg23					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	137	93.2	93.2	93.2
	2	10	6.8	6.8	100.0
	Total	147	100.0	100.0	

StdDOKAg13					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	128	87.1	87.1	87.1
	2	19	12.9	12.9	100.0
	Total	147	100.0	100.0	

Descriptive Statistics

	N	Judge 1		Judge 2			Judge 3		Judge 3 Item DOK	Judge 3 Std DOK
		Judge 1 Link	Item DOK	Judge 1 Std DOK	Link	Item DOK	Std DOK	Link		
Valid	146	50	147	147	50	147	147	50	147	
Missing	1	97	0	0	97	0	0	97	0	
Mean	2.99	2.34	3.02	2.95	2.38	2.89	2.91	2.68	2.88	
Median	3.00	2.00	3.00	3.00	2.00	3.00	3.00	3.00	3.00	
Mode	3	2	3	3	2	3	3	3	3	
Std. Deviation	.117	.626	.840	.256	.490	.829	.308	.683	.840	

Frequency Tables

Judge 1 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	2	1.4	1.4	1.4
	3	144	98.0	98.6	100.0
	Total	146	99.3	100.0	
Missing	System	1	.7		
Total		147	100.0		

Judge 1 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	2	1.4	4.0	4.0
	2	31	21.1	62.0	66.0
	3	15	10.2	30.0	96.0
	4	2	1.4	4.0	100.0
	Total	50	34.0	100.0	
Missing	System	97	66.0		
Total		147	100.0		

Judge 1 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	8	5.4	5.4	5.4
	2	26	17.7	17.7	23.1
	3	68	46.3	46.3	69.4
	4	45	30.6	30.6	100.0
	Total	147	100.0	100.0	

Judge 2 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	.7	.7	.7
	2	6	4.1	4.1	4.8
	3	140	95.2	95.2	100.0
	Total	147	100.0	100.0	

Judge 2 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	31	21.1	62.0	62.0
	3	19	12.9	38.0	100.0
	Total	50	34.0	100.0	
Missing	System	97	66.0		
Total		147	100.0		

Judge 2 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	9	6.1	6.1	6.1
	2	32	21.8	21.8	27.9
	3	72	49.0	49.0	76.9
	4	34	23.1	23.1	100.0
	Total	147	100.0	100.0	

Judge 3 Link					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	.7	.7	.7
	2	11	7.5	7.5	8.2
	3	135	91.8	91.8	100.0
	Total	147	100.0	100.0	

Judge 3 Item DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	2	1.4	4.0	4.0
	2	16	10.9	32.0	36.0
	3	28	19.0	56.0	92.0
	4	4	2.7	8.0	100.0
	Total	50	34.0	100.0	
Missing	System	97	66.0		
Total		147	100.0		

Judge 3 Std DOK					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	10	6.8	6.8	6.8
	2	31	21.1	21.1	27.9
	3	72	49.0	49.0	76.9
	4	34	23.1	23.1	100.0
	Total	147	100.0	100.0	

Descriptive Statistics

		Link Consensus	Item DOK Consensus	Std DOK Consensus
N	Valid	29	11	29
	Missing	118	136	118
	Mean	2.93	2.18	2.62
	Median	3.00	2.00	3.00
	Mode	3	2	2
	Std. Deviation	.258	.405	.862

Frequency Tables

Link Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	2	1.4	6.9	6.9
	3	27	18.4	93.1	100.0
	Total	29	19.7	100.0	
Missing	System	118	80.3		
Total		147	100.0		

Item DOK Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	9	6.1	81.8	81.8
	3	2	1.4	18.2	100.0
	Total	11	7.5	100.0	
Missing	System	136	92.5		
Total		147	100.0		

Std DOK Consensus					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	2	1.4	6.9	6.9
	2	12	8.2	41.4	48.3
	3	10	6.8	34.5	82.8
	4	5	3.4	17.2	100.0
	Total	29	19.7	100.0	
Missing	System	118	80.3		
Total		147	100.0		